OrW25 Participating Laboratories

Lab Code	Lab Name	Num Samples
ANTE01	ALS Environmental	3
AY1201	B&W Y-12, Analytical Chemistry Organization Laboratory	2
BCLI01	BC Laboratories, Inc	1
CALN01	Caltest Analytical Laboratory	1
CDHS01	California Department of Public Health	1
CORE02	TestAmerica Denver	2
DAFI01	Davis & Floyd, Inc.	2
DPAL01	S&S Onsite Analytical, Ltd.	1
EMAX01	EMAX Laboratories, Inc	2
HEAL01	Hall Environmental Analysis Laboratory	2
MART01	Fluor B&W Ports Analytical Laboratory	1
MART02	United States Enrichment Corporation	1
MLIL01	Microbac Laboratories, Inc	2
NARL01	National Air and Radiation Environmental Laboratory	1
OTLI01	Outreach Technologies, Inc.	1
QUAN01	TestAmerica St. Louis	2
QUAN02	TestAmerica Knoxville	1
SOUT01	Southwest Research Institute	1
WEST01	Lionville Laboratory	1

Laboratories Not Reporting OrW25

Lab Code	Lab Name	Mix Code
CDHS01	California Department of Public Health	OrW
NARL01	National Air and Radiation Environmental Laboratory	OrW

OrW25 Reference Values

Analyte Name	Calc Ref Value	Uncertainty
Acids		
2,4,5-Trichlorophenol	62.2	3.00
2,4,6-Trichlorophenol	< 10	
2,4-Dichlorophenol	36.1	1.80
2,4-Dimethylphenol	65.5	3.40
2,4-Dinitrophenol	< 10	
2,6-Dichlorophenol	< 10	
2-Chlorophenol	102.7	5.30
2-Methylphenol	69.6	3.90
2-Nitrophenol	< 10	
3-Methyl & 4-Methylphenol	97.7	5.80
4,6-Dinitro-2-methylphenol	< 10	
4-Chloro-3-methylphenol	< 10	
4-Nitrophenol	< 10	
Pentachlorophenol	< 10	
Phenol	82.7	5.90
Base-Neutrals		
1,2,4-Trichlorobenzene	36.9	2.00
1,2-Dichlorobenzene	66.0	4.00
1,3-Dichlorobenzene	24.3	1.40
1,4-Dichlorobenzene	31.7	1.90
2,4-Dinitrotoluene	84.0	4.20
2,6-Dinitrotoluene	< 10	
2-Chloronaphthalene	98.5	5.20
2-Methylnaphthalene	86.1	5.20
4-Bromophenyl-phenylether	123.3	6.00
4-Chlorophenyl-phenylether	34.0	1.60
Acenaphthene	< 10	
Acenaphthylene	< 10	
Anthracene	< 10	
Benzo(a)anthracene	< 10	
Benzo(a)pyrene	< 10	
Benzo(b)fluoranthene	< 10	
Benzo(g,h,i)perylene	< 10	
Benzo(k)fluoranthene	< 10	
bis(2-chloroethoxy)methane	54.4	5.40
bis(2-chloroethyl)ether	104.3	5.60
bis(2-chloroisopropyl)ether	36.0	1.80
Bis(2-ethylhexyl)phthalate	51.4	2.40
Butylbenzylphthalate	89.8	4.40
Chrysene	< 10	
Dibenzo(a,h)anthracene	< 10	
Dibenzofuran	47.5	2.30
Diethylphthalate	45.3	2.20
Dimethylphthalate	76.8	4.60
Di-n-butylphthalate	50.4	2.40
Di-n-octylphthalate	< 10	
Fluoranthene	< 10	
Fluorene	< 10	
Hexachlorobenzene	< 10	
Hexachlorobutadiene	< 10	
Hexachlorocyclopentadiene	64.2	4.40
Hexachloroethane	75.4	4.70
Indeno(1,2,3-c,d)pyrene	< 10	
Isophorone	65.2	3.10
Naphthalene	< 10	
Nitrobenzene	97.6	5.10
Phenanthrene	< 10	
Pyrene	< 10	

OrW25 Reference Values

Pesticides		
4,4'-DDD	< 1	
4,4'-DDE	< 1	
4,4'-DDT	< 1	
Aldrin	< 1	
alpha Chlordane	< 1	
alpha-BHC	7.78	0.35
beta-BHC	< 1	
delta-BHC	7.02	0.32
Dieldrin	< 1	
Endosulfan I	9.05	0.42
Endosulfan II	12.17	0.60
Endosulfan sulfate	< 1	
Endrin	3.43	0.14
Endrin Aldehyde	< 1	
Endrin Ketone	3.99	0.16
gamma Chlordane	< 1	
gamma-BHC (Lindane)	6.38	0.28
Heptachlor	< 1	
Heptachlor epoxide	< 1	
Methoxychlor	9.90	0.43

MAPEP Mixed Analyte Performance Evaluation Program

Sample Statistical Summary

MAPEP-11-OrW25

Analyte	T(1)	A(2)	Calc(3) Mean	Std(4) Dev	Assnd(5) Value	Ref Unc	Acceptance Range
Organic							Units: (ug/L)
4,4'-DDD	8	8					
4,4'-DDE	8	8					
4,4'-DDT	8	8					
Aldrin	8	8					
alpha Chlordane	6	6					
alpha-BHC	9	9	7.78	1.32	8.65	0.35	3.82 - 11.74
beta-BHC	8	8					
delta-BHC	9	9	7.02	1.35	7.94	0.32	2.96 - 11.08
Dieldrin	8	8					
Endosulfan I	8	7	9.05	2.00	10.38	0.42	3.04 - 15.06
Endosulfan II	8	8	12.17	2.54	14.98	0.60	4.56 - 19.78
Endosulfan sulfate	8	7					
Endrin	9	9	3.43	0.68	3.59	0.14	1.39 - 5.47
Endrin Aldehyde	9	8					
Endrin Ketone	7	7	3.99	0.65	4.04	0.16	2.04 - 5.93
gamma Chlordane	6	6					
gamma-BHC (Lindane)	9	9	6.38	1.15	7.14	0.28	2.92 - 9.84
Heptachlor	8	8					
Heptachlor epoxide	8	8					
Methoxychlor	9	9	9.90	2.34	10.74	0.43	2.88 - 16.92
1,2,4-Trichlorobenzene	17	17	36.9	9.0	51.2	2.0	9.9 - 64.0
1,2-Dichlorobenzene	16	16	66.0	17.9	100.1	4.0	12.1 - 119.8
1,3-Dichlorobenzene	16	16	24.3	6.4	35.2	1.4	5.1 - 43.5
1,4-Dichlorobenzene	16	16	31.7	9.5	47.5	1.9	4.8 - 60.3
2,4,5-Trichlorophenol	16	14	62.2	11.6	74.1	3.0	27.5 - 97.0
2,4,6-Trichlorophenol	15	12					
2,4-Dichlorophenol	17	17	36.1	7.7	44.9	1.8	13.0 - 59.2
2,4-Dimethylphenol	17	17	65.5	16.0	86.1	3.4	17.4 - 113.6
2,4-Dinitrophenol	14	14					
2,4-Dinitrotoluene	17	17	84.0	15.1	104.4	4.2	38.7 - 129.2
2,6-Dichlorophenol	9	9					
2,6-Dinitrotoluene	14	14					
2-Chloronaphthalene	17	17	98.5	19.5	130.3	5.2	40.1 - 157.0
2-Chlorophenol	17	17	102.7	21.5	133.3	5.3	38.1 - 167.3
2-Methylnaphthalene	16	16	86.1	20.0	128.8	5.2	26.2 - 146.1
2-Methylphenol	17	17	69.6	17.1	97.4	3.9	18.4 - 120.9
2-Nitrophenol	14	14					
3-Methyl & 4-Methylphenol	17	16	97.7	30.2	146.3	5.8	14.6 - 188.2
4,6-Dinitro-2-methylphenol	14	14					
4-Bromophenyl-phenylether	17	17	123.3	25.2	149.3	6.0	47.8 - 198.7
4-Chloro-3-methylphenol	14	14					
4-Chlorophenyl-phenylether	17	17	34.0	6.1	40.4	1.6	15.6 - 52.3
4-Nitrophenol	14	14					
Acenaphthene	14	14					
Acenaphthylene	14	14					
Anthracene	14	14					
Benzo(a)anthracene	14	14					
Benzo(a)pyrene	14	14					
Benzo(b)fluoranthene	14	14					
Benzo(g,h,i)perylene	14	14					

Benzo(k)fluoranthene	14	14					
bis(2-chloroethoxy)methane	17	15	54.4	9.2	68.4	5.4	26.9 - 82.0
bis(2-chloroethyl)ether	17	16	104.3	22.2	141.3	5.6	37.6 - 171.0
bis(2-chloroisopropyl)ether	17	17	36.0	7.6	45.7	1.8	13.0 - 58.9
Bis(2-ethylhexyl)phthalate	17	17	51.4	11.1	59.6	2.4	18.0 - 84.8
Butylbenzylphthalate	17	17	89.8	23.1	111.2	4.4	20.6 - 159.1
Chrysene	14	14					
Di-n-butylphthalate	17	17	50.4	10.1	59.0	2.4	20.0 - 80.8
Di-n-octylphthalate	14	14					
Dibenzo(a,h)anthracene	14	14					
Dibenzofuran	16	14	47.5	8.8	57.7	2.3	21.0 - 74.0
Diethylphthalate	17	17	45.3	12.1	56.0	2.2	8.9 - 81.7
Dimethylphthalate	17	17	76.8	29.7	114.3	4.6	11.4 - 165.8
Fluoranthene	14	14					
Fluorene	14	14					
Hexachlorobenzene	14	14					
Hexachlorobutadiene	13	13					
Hexachlorocyclopentadiene	16	16	64.2	26.9	110.4	4.4	11.0 - 145.0
Hexachloroethane	17	17	75.4	21.0	118.0	4.7	12.4 - 138.4
Indeno(1,2,3-c,d)pyrene	14	14					
Isophorone	17	15	65.2	11.5	77.0	3.1	30.5 - 99.8
Naphthalene	14	14					
Nitrobenzene	17	17	97.6	19.3	128.4	5.1	39.8 - 155.5
Pentachlorophenol	14	14					
Phenanthrene	14	14					
Phenol	17	17	82.7	38.3	147.4	5.9	14.7 - 197.7
Pyrene	14	14					

Note: (1) T = Total number of laboratories reporting analyte.
(2) A = Number of laboratories with 'Acceptable' performance.
(3) Mean calculated from NELAC FOPT Tables.
(4) Standard deviation calculated from NELAC FOPT Tables.
(5) Assigned Value used to generate the calculated mean per NELAC FoPT Tables

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Flag Summary Report

Generated January 23, 2012

MAPEP-11-OrW25

Organic			
Analyte	**A**	**W**	**N**
Phenol	17		
2-Chlorophenol	17		
1,3-Dichlorobenzene	16		
1,4-Dichlorobenzene	16		
1,2-Dichlorobenzene	16		
Hexachloroethane	17		
Nitrobenzene	17		
Isophorone	15		2
2-Nitrophenol	14		
2,4-Dimethylphenol	17		
2,4-Dichlorophenol	17		
1,2,4-Trichlorobenzene	17		
Naphthalene	14		
Hexachlorobutadiene	13		
4-Chloro-3-methylphenol	14		
2-Methylnaphthalene	16		
2-Methylphenol	17		
Hexachlorocyclopentadiene	16		
3-Methyl & 4-Methylphenol	16		1
2,4,6-Trichlorophenol	12		3
2,6-Dichlorophenol	9		
2-Chloronaphthalene	17		
Dimethylphthalate	17		
Acenaphthylene	14		
2,6-Dinitrotoluene	14		
Acenaphthene	14		
2,4-Dinitrotoluene	17		
2,4-Dinitrophenol	14		
Dibenzofuran	14		2
4-Nitrophenol	14		
Fluorene	14		
Diethylphthalate	17		
4,6-Dinitro-2-methylphenol	14		
2,4,5-Trichlorophenol	14		3
Hexachlorobenzene	14		
Pentachlorophenol	14		
Phenanthrene	14		

Anthracene	14		
Di-n-butylphthalate	17		
Fluoranthene	14		
Pyrene	14		
Butylbenzylphthalate	17		
Benzo(a)anthracene	14		
Chrysene	14		
Bis(2-ethylhexyl)phthalate	17		
Di-n-octylphthalate	14		
Benzo(b)fluoranthene	14		
Benzo(k)fluoranthene	14		
Benzo(a)pyrene	14		
Indeno(1,2,3-c,d)pyrene	14		
Dibenzo(a,h)anthracene	14		
Benzo(g,h,i)perylene	14		
alpha-BHC	9		
beta-BHC	8		
gamma-BHC (Lindane)	9		
delta-BHC	9		
Heptachlor	8		
Aldrin	8		
Heptachlor epoxide	8		
Endosulfan I	7		1
4,4'-DDE	8		
Dieldrin	7	1	
Endrin	9		
4,4'-DDD	8		
Endosulfan II	8		
4,4'-DDT	8		
Endrin Aldehyde	8		1
Endosulfan sulfate	7		1
Endrin Ketone	7		
Methoxychlor	9		
4-Bromophenyl-phenylether	17		
bis(2-chloroethoxy)methane	15		2
bis(2-chloroethyl)ether	16		1
4-Chlorophenyl-phenylether	17		
bis(2-chloroisopropyl)ether	17		
alpha Chlordane	6		
gamma Chlordane	6		

MAPEP Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(ANTE01) ALS Environmental
225 Commerce Drive
Fort Collins, CO 80524-1416

Organic — Units: (ug/L)

Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4,4'-DDD	<0.1		A					
4,4'-DDE	<0.1		A					
4,4'-DDT	<0.1		A					
Aldrin	<0.1		A					
alpha Chlordane	<0.1		A					
alpha-BHC	8.7	7.78	A		0.70	3.82 - 11.74		
beta-BHC	0.359		A					
delta-BHC	7.38	7.02	A		0.27	2.96 - 11.08		
Dieldrin	<0.1		A					
Endosulfan I	11.3	9.05	A		1.12	3.04 - 15.06		
Endosulfan II	15.6	12.17	A		1.35	4.56 - 19.78		
Endosulfan sulfate	<0.1		A					
Endrin	3.68	3.43	A		0.37	1.39 - 5.47		
Endrin Aldehyde	<0.1		A					
Endrin Ketone	4.1	3.99	A		0.18	2.04 - 5.93		
gamma Chlordane	<0.1		A					
gamma-BHC (Lindane)	7.46	6.38	A		0.93	2.92 - 9.84		
Heptachlor	<0.1		A					
Heptachlor epoxide	<0.1		A					
Methoxychlor	10.1	9.90	A		0.09	2.88 - 16.92		
1,2,4-Trichlorobenzene	38.3	36.9	A		0.15	9.9 - 64.0		
1,2-Dichlorobenzene	70.6	66.0	A		0.26	12.1 - 119.8		
1,3-Dichlorobenzene	25.4	24.3	A		0.17	5.1 - 43.5		
1,4-Dichlorobenzene	33.8	31.7	A		0.22	4.8 - 60.3		
2,4,5-Trichlorophenol	50.4	62.2	A		-1.02	27.5 - 97.0		
2,4-Dichlorophenol	37.4	36.1	A		0.17	13.0 - 59.2		
2,4-Dimethylphenol	67	65.5	A		0.09	17.4 - 113.6		
2,4-Dinitrotoluene	78.3	84.0	A		-0.38	38.7 - 129.2		
2-Chloronaphthalene	95.4	98.5	A		-0.16	40.1 - 157.0		
2-Chlorophenol	98.2	102.7	A		-0.21	38.1 - 167.3		
2-Methylnaphthalene	90.9	86.1	A		0.24	26.2 - 146.1		
2-Methylphenol	74.8	69.6	A		0.30	18.4 - 120.9		
3-Methyl & 4-Methylphenol	110	97.7	A		0.41	14.6 - 188.2		
4-Bromophenyl-phenylether	120	123.3	A		-0.13	47.8 - 198.7		
4-Chlorophenyl-phenylether	34.5	34.0	A		0.09	15.6 - 52.3		
bis(2-chloroethoxy)methane	54	54.4	A		-0.05	26.9 - 82.0		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
bis(2-chloroethyl)ether	101	104.3	A		-0.15	37.6 - 171.0		
bis(2-chloroisopropyl)ether	33.4	36.0	A		-0.34	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	47.5	51.4	A		-0.35	18.0 - 84.8		
Butylbenzylphthalate	91.2	89.8	A		0.06	20.6 - 159.1		
Di-n-butylphthalate	54.3	50.4	A		0.39	20.0 - 80.8		
Dibenzofuran	46.6	47.5	A		-0.10	21.0 - 74.0		
Diethylphthalate	47	45.3	A		0.14	8.9 - 81.7		
Dimethylphthalate	95.4	76.8	A		0.63	11.4 - 165.8		
Hexachlorocyclopentadiene	70.6	64.2	A		0.24	11.0 - 145.0		
Hexachloroethane	80.4	75.4	A		0.24	12.4 - 138.4		
Isophorone	61	65.2	A		-0.36	30.5 - 99.8		
Nitrobenzene	76.2	97.6	A		-1.11	39.8 - 155.5		
Phenol	96.4	82.7	A		0.36	14.7 - 197.7		

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(AY1201) B&W Y-12, Analytical Chemistry Organization Laboratory
Y12, NSC, Bldg. 9995, Rm 142
Oak Ridge, TN 37831-8189

Organic — Units: (ug/L)

Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4,4'-DDD	<0.08		A					
4,4'-DDE	<0.08		A					
4,4'-DDT	<0.08		A					
Aldrin	<0.04		A					
alpha Chlordane	<0.04		A					
alpha-BHC	6.2	7.78	A		-1.20	3.82 - 11.74		
beta-BHC	<0.04		A					
delta-BHC	6.22	7.02	A		-0.59	2.96 - 11.08		
Dieldrin	<0.08		A					
Endosulfan I	8.5	9.05	A		-0.27	3.04 - 15.06		
Endosulfan II	13.7	12.17	A		0.60	4.56 - 19.78		
Endosulfan sulfate	<0.08		A					
Endrin	2.71	3.43	A		-1.05	1.39 - 5.47		
Endrin Aldehyde	<0.08		A					
Endrin Ketone	3.67	3.99	A		-0.49	2.04 - 5.93		
gamma Chlordane	<0.04		A					
gamma-BHC (Lindane)	5.43	6.38	A		-0.82	2.92 - 9.84		
Heptachlor	<0.04		A					
Heptachlor epoxide	<0.04		A					
Methoxychlor	13.4	9.90	A		1.50	2.88 - 16.92		
1,2,4-Trichlorobenzene	38.2	36.9	A		0.14	9.9 - 64.0		
1,2-Dichlorobenzene	87.5	66.0	A		1.20	12.1 - 119.8		
1,3-Dichlorobenzene	28.5	24.3	A		0.66	5.1 - 43.5		
1,4-Dichlorobenzene	38.0	31.7	A		0.66	4.8 - 60.3		
2,4,5-Trichlorophenol	54.2	62.2	A		-0.69	27.5 - 97.0		
2,4,6-Trichlorophenol	<9.5		A					
2,4-Dichlorophenol	35.2	36.1	A		-0.12	13.0 - 59.2		
2,4-Dimethylphenol	69.1	65.5	A		0.22	17.4 - 113.6		
2,4-Dinitrophenol	<19		A					
2,4-Dinitrotoluene	79.8	84.0	A		-0.28	38.7 - 129.2		
2,6-Dichlorophenol	<9.5		A					
2,6-Dinitrotoluene	<9.5		A					
2-Chloronaphthalene	80.8	98.5	A		-0.91	40.1 - 157.0		
2-Chlorophenol	97.6	102.7	A		-0.24	38.1 - 167.3		
2-Methylnaphthalene	103	86.1	A		0.84	26.2 - 146.1		
2-Methylphenol	85.1	69.6	A		0.91	18.4 - 120.9		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
2-Nitrophenol	<9.5		A					
3-Methyl & 4-Methylphenol	120	97.7	A		0.74	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<9.5		A					
4-Bromophenyl-phenylether	126	123.3	A		0.11	47.8 - 198.7		
4-Chloro-3-methylphenol	<9.5		A					
4-Chlorophenyl-phenylether	32.1	34.0	A		-0.31	15.6 - 52.3		
4-Nitrophenol	<19		A					
Acenaphthene	<9.5		A					
Acenaphthylene	<9.5		A					
Anthracene	<9.5		A					
Benzo(a)anthracene	<9.5		A					
Benzo(a)pyrene	<9.5		A					
Benzo(b)fluoranthene	<9.5		A					
Benzo(g,h,i)perylene	<9.5		A					
Benzo(k)fluoranthene	<9.5		A					
bis(2-chloroethoxy)methane	52.4	54.4	A		-0.22	26.9 - 82.0		
bis(2-chloroethyl)ether	110	104.3	A		0.26	37.6 - 171.0		
bis(2-chloroisopropyl)ether	40.5	36.0	A		0.59	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	64.2	51.4	A		1.15	18.0 - 84.8		
Butylbenzylphthalate	122	89.8	A		1.40	20.6 - 159.1		
Chrysene	<9.5		A					
Di-n-butylphthalate	49.5	50.4	A		-0.09	20.0 - 80.8		
Di-n-octylphthalate	<9.5		A					
Dibenzo(a,h)anthracene	<9.5		A					
Dibenzofuran	48.0	47.5	A		0.06	21.0 - 74.0		
Diethylphthalate	47.4	45.3	A		0.17	8.9 - 81.7		
Dimethylphthalate	100	76.8	A		0.78	11.4 - 165.8		
Fluoranthene	<9.5		A					
Fluorene	<9.5		A					
Hexachlorobenzene	<9.5		A					
Hexachlorocyclopentadiene	89.3	64.2	A		0.93	11.0 - 145.0		
Hexachloroethane	86.5	75.4	A		0.53	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<9.5		A					
Isophorone	61.4	65.2	A		-0.33	30.5 - 99.8		
Naphthalene	<9.5		A					
Nitrobenzene	106	97.6	A		0.43	39.8 - 155.5		
Pentachlorophenol	<19		A					
Phenanthrene	<9.5		A					
Phenol	109	82.7	A		0.69	14.7 - 197.7		
Pyrene	<9.5		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(BCLI01) BC Laboratories, Inc
4100 Atlas Court
Bakersfield, CA 93308

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	10.8	7.78	A		2.29	3.82 - 11.74		
delta-BHC	8.50	7.02	A		1.09	2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	3.75	3.43	A		0.48	1.39 - 5.47		
Endrin Aldehyde	5.29		N	(1)				
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	9.23	6.38	A		2.47	2.92 - 9.84		
Methoxychlor	16.9	9.90	A		2.99	2.88 - 16.92		
1,2,4-Trichlorobenzene	55.8	36.9	A		2.09	9.9 - 64.0		
1,2-Dichlorobenzene	91.1	66.0	A		1.40	12.1 - 119.8		
1,3-Dichlorobenzene	38.3	24.3	A		2.19	5.1 - 43.5		
1,4-Dichlorobenzene	52.5	31.7	A		2.18	4.8 - 60.3		
2,4,5-Trichlorophenol	98.4	62.2	N		3.12	27.5 - 97.0		
2,4-Dichlorophenol	56.4	36.1	A		2.64	13.0 - 59.2		
2,4-Dimethylphenol	81.2	65.5	A		0.98	17.4 - 113.6		
2,4-Dinitrotoluene	98.9	84.0	A		0.99	38.7 - 129.2		
2-Chloronaphthalene	118	98.5	A		1.00	40.1 - 157.0		
2-Chlorophenol	124	102.7	A		0.99	38.1 - 167.3		
2-Methylnaphthalene	122	86.1	A		1.79	26.2 - 146.1		
2-Methylphenol	80.1	69.6	A		0.61	18.4 - 120.9		
3-Methyl & 4-Methylphenol	190	97.7	N		3.06	14.6 - 188.2		
4-Bromophenyl-phenylether	147	123.3	A		0.94	47.8 - 198.7		
4-Chlorophenyl-phenylether	49.5	34.0	A		2.54	15.6 - 52.3		
bis(2-chloroethoxy)methane	83.7	54.4	N		3.18	26.9 - 82.0		
bis(2-chloroethyl)ether	125	104.3	A		0.93	37.6 - 171.0		
bis(2-chloroisopropyl)ether	55.1	36.0	A		2.50	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	71.2	51.4	A		1.78	18.0 - 84.8		
Butylbenzylphthalate	105	89.8	A		0.66	20.6 - 159.1		
Di-n-butylphthalate	70.3	50.4	A		1.97	20.0 - 80.8		
Dibenzofuran	75.4	47.5	N		3.16	21.0 - 74.0		
Diethylphthalate	61.1	45.3	A		1.30	8.9 - 81.7		
Dimethylphthalate	99.9	76.8	A		0.78	11.4 - 165.8		
Hexachlorocyclopentadiene	110	64.2	A		1.70	11.0 - 145.0		
Hexachloroethane	117	75.4	A		1.98	12.4 - 138.4		
Isophorone	89.2	65.2	A		2.08	30.5 - 99.8		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Nitrobenzene	127	97.6	A		1.52	39.8 - 155.5		
Phenol	79.4	82.7	A		-0.09	14.7 - 197.7		

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(CALN01) Caltest Analytical Laboratory
1885 N. Kelly Road
Napa, CA 94558

Organic — Units: (ug/L)

Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	34.7	36.9	A		-0.25	9.9 - 64.0		
1,2-Dichlorobenzene	NR	66.0				12.1 - 119.8		
1,3-Dichlorobenzene	NR	24.3				5.1 - 43.5		
1,4-Dichlorobenzene	NR	31.7				4.8 - 60.3		
2,4,5-Trichlorophenol	60.2	62.2	A		-0.18	27.5 - 97.0		
2,4,6-Trichlorophenol	<10		A					
2,4-Dichlorophenol	36.1	36.1	A		0.00	13.0 - 59.2		
2,4-Dimethylphenol	70.6	65.5	A		0.32	17.4 - 113.6		
2,4-Dinitrophenol	<10		A					
2,4-Dinitrotoluene	99.9	84.0	A		1.06	38.7 - 129.2		
2,6-Dinitrotoluene	<5.0		A					
2-Chloronaphthalene	90.3	98.5	A		-0.42	40.1 - 157.0		
2-Chlorophenol	103	102.7	A		0.01	38.1 - 167.3		
2-Methylnaphthalene	83.5	86.1	A		-0.13	26.2 - 146.1		
2-Methylphenol	72.2	69.6	A		0.15	18.4 - 120.9		
2-Nitrophenol	<10		A					
3-Methyl & 4-Methylphenol	102	97.7	A		0.14	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<10		A					
4-Bromophenyl-phenylether	122	123.3	A		-0.05	47.8 - 198.7		
4-Chloro-3-methylphenol	<5.0		A					
4-Chlorophenyl-phenylether	31.2	34.0	A		-0.45	15.6 - 52.3		
4-Nitrophenol	<5.0		A					
Acenaphthene	<1.0		A					
Acenaphthylene	<0.2		A					
Anthracene	<0.2		A					
Benzo(a)anthracene	<0.2		A					
Benzo(a)pyrene	<0.2		A					
Benzo(b)fluoranthene	<0.2		A					

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Benzo(g,h,i)perylene	<0.2		A					
Benzo(k)fluoranthene	<0.2		A					
bis(2-chloroethoxy)methane	55.8	54.4	A		0.15	26.9 - 82.0		
bis(2-chloroethyl)ether	104	104.3	A		-0.02	37.6 - 171.0		
bis(2-chloroisopropyl)ether	33.0	36.0	A		-0.39	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	61.3	51.4	A		0.89	18.0 - 84.8		
Butylbenzylphthalate	107	89.8	A		0.75	20.6 - 159.1		
Chrysene	<0.2		A					
Di-n-butylphthalate	63.7	50.4	A		1.32	20.0 - 80.8		
Di-n-octylphthalate	<5.0		A					
Dibenzo(a,h)anthracene	<0.2		A					
Dibenzofuran	45.4	47.5	A		-0.24	21.0 - 74.0		
Diethylphthalate	60.0	45.3	A		1.21	8.9 - 81.7		
Dimethylphthalate	99.0	76.8	A		0.75	11.4 - 165.8		
Fluoranthene	<0.2		A					
Fluorene	<0.2		A					
Hexachlorobenzene	<5.0		A					
Hexachlorobutadiene	<5.0		A					
Hexachlorocyclopentadiene	75.3	64.2	A		0.41	11.0 - 145.0		
Hexachloroethane	67.6	75.4	A		-0.37	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<0.2		A					
Isophorone	63.5	65.2	A		-0.15	30.5 - 99.8		
Naphthalene	<0.2		A					
Nitrobenzene	89.4	97.6	A		-0.43	39.8 - 155.5		
Pentachlorophenol	<5.0		A					
Phenanthrene	<0.2		A					
Phenol	54.1	82.7	A		-0.75	14.7 - 197.7		
Pyrene	<0.2		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(CDHS01) California Department of Public Health
Drinking Water & Radiation Lab.
Richmond, CA 94804-6403

Organic — Units: (ug/L)

Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	NR	36.9				9.9 - 64.0		
1,2-Dichlorobenzene	NR	66.0				12.1 - 119.8		
1,3-Dichlorobenzene	NR	24.3				5.1 - 43.5		
1,4-Dichlorobenzene	NR	31.7				4.8 - 60.3		
2,4,5-Trichlorophenol	NR	62.2				27.5 - 97.0		
2,4-Dichlorophenol	NR	36.1				13.0 - 59.2		
2,4-Dimethylphenol	NR	65.5				17.4 - 113.6		
2,4-Dinitrotoluene	NR	84.0				38.7 - 129.2		
2-Chloronaphthalene	NR	98.5				40.1 - 157.0		
2-Chlorophenol	NR	102.7				38.1 - 167.3		
2-Methylnaphthalene	NR	86.1				26.2 - 146.1		
2-Methylphenol	NR	69.6				18.4 - 120.9		
3-Methyl & 4-Methylphenol	NR	97.7				14.6 - 188.2		
4-Bromophenyl-phenylether	NR	123.3				47.8 - 198.7		
4-Chlorophenyl-phenylether	NR	34.0				15.6 - 52.3		
bis(2-chloroethoxy)methane	NR	54.4				26.9 - 82.0		
bis(2-chloroethyl)ether	NR	104.3				37.6 - 171.0		
bis(2-chloroisopropyl)ether	NR	36.0				13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	NR	51.4				18.0 - 84.8		
Butylbenzylphthalate	NR	89.8				20.6 - 159.1		
Di-n-butylphthalate	NR	50.4				20.0 - 80.8		
Dibenzofuran	NR	47.5				21.0 - 74.0		
Diethylphthalate	NR	45.3				8.9 - 81.7		
Dimethylphthalate	NR	76.8				11.4 - 165.8		
Hexachlorocyclopentadiene	NR	64.2				11.0 - 145.0		
Hexachloroethane	NR	75.4				12.4 - 138.4		
Isophorone	NR	65.2				30.5 - 99.8		
Nitrobenzene	NR	97.6				39.8 - 155.5		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Phenol	NR	82.7				14.7 - 197.7		

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(CORE02) TestAmerica Denver
4955 Yarrow St
Arvada, CO 80002

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4,4'-DDD	<0.00740		A					
4,4'-DDE	<0.00721		A					
4,4'-DDT	<0.0142		A					
Aldrin	<0.00567		A					
alpha Chlordane	<0.05		A					
alpha-BHC	7.51	7.78	A		-0.20	3.82 - 11.74		
beta-BHC	0.389		A					
delta-BHC	5.97	7.02	A		-0.78	2.96 - 11.08		
Dieldrin	<0.0606		A					
Endosulfan I	9.62	9.05	A		0.29	3.04 - 15.06		
Endosulfan II	13.7	12.17	A		0.60	4.56 - 19.78		
Endosulfan sulfate	<0.0548		A					
Endrin	3.60	3.43	A		0.26	1.39 - 5.47		
Endrin Aldehyde	<0.0846		A					
Endrin Ketone	3.47	3.99	A		-0.80	2.04 - 5.93		
gamma Chlordane	<0.05		A					
gamma-BHC (Lindane)	6.47	6.38	A		0.08	2.92 - 9.84		
Heptachlor	<0.00740		A					
Heptachlor epoxide	<0.00721		A					
Methoxychlor	8.76	9.90	A		-0.49	2.88 - 16.92		
1,2,4-Trichlorobenzene	33.8	36.9	A		-0.35	9.9 - 64.0		
1,2-Dichlorobenzene	69.0	66.0	A		0.17	12.1 - 119.8		
1,3-Dichlorobenzene	22.9	24.3	A		-0.22	5.1 - 43.5		
1,4-Dichlorobenzene	30.7	31.7	A		-0.11	4.8 - 60.3		
2,4,5-Trichlorophenol	57.0	62.2	A		-0.45	27.5 - 97.0		
2,4,6-Trichlorophenol	<0.280		A					
2,4-Dichlorophenol	34.7	36.1	A		-0.18	13.0 - 59.2		
2,4-Dimethylphenol	66.8	65.5	A		0.08	17.4 - 113.6		
2,4-Dinitrophenol	<9.65		A					
2,4-Dinitrotoluene	77.5	84.0	A		-0.43	38.7 - 129.2		
2,6-Dichlorophenol	<1.30		A					
2,6-Dinitrotoluene	<1.82		A					
2-Chloronaphthalene	92.8	98.5	A		-0.29	40.1 - 157.0		
2-Chlorophenol	102	102.7	A		-0.03	38.1 - 167.3		
2-Methylnaphthalene	87.7	86.1	A		0.08	26.2 - 146.1		
2-Methylphenol	74.5	69.6	A		0.29	18.4 - 120.9		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
2-Nitrophenol	<0.376		A					
3-Methyl & 4-Methylphenol	115	97.7	A		0.57	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<3.86		A					
4-Bromophenyl-phenylether	125	123.3	A		0.07	47.8 - 198.7		
4-Chloro-3-methylphenol	<2.33		A					
4-Chlorophenyl-phenylether	30.9	34.0	A		-0.50	15.6 - 52.3		
4-Nitrophenol	<1.19		A					
Acenaphthene	<0.270		A					
Acenaphthylene	<0.473		A					
Anthracene	<0.405		A					
Benzo(a)anthracene	<0.338		A					
Benzo(a)pyrene	<0.299		A					
Benzo(b)fluoranthene	<0.512		A					
Benzo(g,h,i)perylene	<0.483		A					
Benzo(k)fluoranthene	<0.444		A					
bis(2-chloroethoxy)methane	49.2	54.4	A		-0.57	26.9 - 82.0		
bis(2-chloroethyl)ether	99.0	104.3	A		-0.24	37.6 - 171.0		
bis(2-chloroisopropyl)ether	32.4	36.0	A		-0.47	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	42.8	51.4	A		-0.77	18.0 - 84.8		
Butylbenzylphthalate	83.5	89.8	A		-0.27	20.6 - 159.1		
Chrysene	<0.521		A					
Di-n-butylphthalate	45.8	50.4	A		-0.45	20.0 - 80.8		
Di-n-octylphthalate	<0.338		A					
Dibenzo(a,h)anthracene	<0.492		A					
Dibenzofuran	44.8	47.5	A		-0.31	21.0 - 74.0		
Diethylphthalate	42.6	45.3	A		-0.22	8.9 - 81.7		
Dimethylphthalate	90.1	76.8	A		0.45	11.4 - 165.8		
Fluoranthene	<0.193		A					
Fluorene	<0.299		A					
Hexachlorobenzene	<0.637		A					
Hexachlorobutadiene	<3.19		A					
Hexachlorocyclopentadiene	68.2	64.2	A		0.15	11.0 - 145.0		
Hexachloroethane	71.1	75.4	A		-0.20	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<0.627		A					
Isophorone	54.3	65.2	A		-0.94	30.5 - 99.8		
Naphthalene	<0.280		A					
Nitrobenzene	95.9	97.6	A		-0.09	39.8 - 155.5		
Pentachlorophenol	<19.3		A					
Phenanthrene	<0.251		A					
Phenol	111	82.7	A		0.74	14.7 - 197.7		
Pyrene	<0.357		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(DAFI01) Davis & Floyd, Inc.
PO Drawer 428
Greenwood, SC 29648

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4,4'-DDD	<0.05		A					
4,4'-DDE	<0.05		A					
4,4'-DDT	<0.05		A					
Aldrin	<0.05		A					
alpha-BHC	6.19	7.78	A		-1.21	3.82 - 11.74		
beta-BHC	<0.05		A					
delta-BHC	5.16	7.02	A		-1.38	2.96 - 11.08		
Dieldrin	<0.05		A					
Endosulfan I	7.86	9.05	A		-0.59	3.04 - 15.06		
Endosulfan II	11.2	12.17	A		-0.38	4.56 - 19.78		
Endosulfan sulfate	<0.05		A					
Endrin	2.59	3.43	A		-1.23	1.39 - 5.47		
Endrin Aldehyde	<0.05		A					
Endrin Ketone	2.81	3.99	A		-1.81	2.04 - 5.93		
gamma-BHC (Lindane)	5.38	6.38	A		-0.87	2.92 - 9.84		
Heptachlor	<0.05		A					
Heptachlor epoxide	<0.05		A					
Methoxychlor	8.33	9.90	A		-0.67	2.88 - 16.92		
1,2,4-Trichlorobenzene	31.8	36.9	A		-0.57	9.9 - 64.0		
1,2-Dichlorobenzene	62.0	66.0	A		-0.22	12.1 - 119.8		
1,3-Dichlorobenzene	21.1	24.3	A		-0.50	5.1 - 43.5		
1,4-Dichlorobenzene	29.7	31.7	A		-0.21	4.8 - 60.3		
2,4,5-Trichlorophenol	54.7	62.2	A		-0.65	27.5 - 97.0		
2,4,6-Trichlorophenol	<10		A					
2,4-Dichlorophenol	32.0	36.1	A		-0.53	13.0 - 59.2		
2,4-Dimethylphenol	62.9	65.5	A		-0.16	17.4 - 113.6		
2,4-Dinitrophenol	<25		A					
2,4-Dinitrotoluene	80.3	84.0	A		-0.24	38.7 - 129.2		
2,6-Dichlorophenol	<10		A					
2,6-Dinitrotoluene	<10		A					
2-Chloronaphthalene	97.1	98.5	A		-0.07	40.1 - 157.0		
2-Chlorophenol	82.8	102.7	A		-0.92	38.1 - 167.3		
2-Methylnaphthalene	86.3	86.1	A		0.01	26.2 - 146.1		
2-Methylphenol	56.1	69.6	A		-0.79	18.4 - 120.9		
2-Nitrophenol	<10		A					
3-Methyl & 4-Methylphenol	79.3	97.7	A		-0.61	14.6 - 188.2		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4,6-Dinitro-2-methylphenol	<25		A					
4-Bromophenyl-phenylether	119	123.3	A		-0.17	47.8 - 198.7		
4-Chloro-3-methylphenol	<10		A					
4-Chlorophenyl-phenylether	32.2	34.0	A		-0.29	15.6 - 52.3		
4-Nitrophenol	<25		A					
Acenaphthene	<10		A					
Acenaphthylene	<10		A					
Anthracene	<10		A					
Benzo(a)anthracene	<10		A					
Benzo(a)pyrene	<10		A					
Benzo(b)fluoranthene	<10		A					
Benzo(g,h,i)perylene	<10		A					
Benzo(k)fluoranthene	<10		A					
bis(2-chloroethoxy)methane	47.4	54.4	A		-0.77	26.9 - 82.0		
bis(2-chloroethyl)ether	88.3	104.3	A		-0.72	37.6 - 171.0		
bis(2-chloroisopropyl)ether	29.7	36.0	A		-0.82	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	44.5	51.4	A		-0.62	18.0 - 84.8		
Butylbenzylphthalate	88.5	89.8	A		-0.06	20.6 - 159.1		
Chrysene	<10		A					
Di-n-butylphthalate	47.7	50.4	A		-0.27	20.0 - 80.8		
Di-n-octylphthalate	<10		A					
Dibenzo(a,h)anthracene	<10		A					
Dibenzofuran	47.0	47.5	A		-0.06	21.0 - 74.0		
Diethylphthalate	45.1	45.3	A		-0.02	8.9 - 81.7		
Dimethylphthalate	91.8	76.8	A		0.51	11.4 - 165.8		
Fluoranthene	<10		A					
Fluorene	<10		A					
Hexachlorobenzene	<10		A					
Hexachlorobutadiene	<10		A					
Hexachlorocyclopentadiene	76.9	64.2	A		0.47	11.0 - 145.0		
Hexachloroethane	68.4	75.4	A		-0.33	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<10		A					
Isophorone	54.0	65.2	A		-0.97	30.5 - 99.8		
Naphthalene	<10		A					
Nitrobenzene	90.5	97.6	A		-0.37	39.8 - 155.5		
Pentachlorophenol	<25		A					
Phenanthrene	<10		A					
Phenol	37.7	82.7	A		-1.17	14.7 - 197.7		
Pyrene	<10		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

MAPEP Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(DPAL01) S&S Onsite Analytical, Ltd.
7277 Twp. Rd. 95
Findlay, OH 45840

Organic — Units: (ug/L)

Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	49.1	36.9	A		1.35	9.9 - 64.0		
1,2-Dichlorobenzene	106	66.0	A		2.23	12.1 - 119.8		
1,3-Dichlorobenzene	36.8	24.3	A		1.95	5.1 - 43.5		
1,4-Dichlorobenzene	48.8	31.7	A		1.80	4.8 - 60.3		
2,4,5-Trichlorophenol	NR	62.2	N	(10)		27.5 - 97.0		
2,4,6-Trichlorophenol	85.1		N	(1)				
2,4-Dichlorophenol	48	36.1	A		1.55	13.0 - 59.2		
2,4-Dimethylphenol	87.5	65.5	A		1.37	17.4 - 113.6		
2,4-Dinitrotoluene	105	84.0	A		1.40	38.7 - 129.2		
2-Chloronaphthalene	127.2	98.5	A		1.47	40.1 - 157.0		
2-Chlorophenol	125.2	102.7	A		1.04	38.1 - 167.3		
2-Methylnaphthalene	124.4	86.1	A		1.91	26.2 - 146.1		
2-Methylphenol	67.1	69.6	A		-0.15	18.4 - 120.9		
3-Methyl & 4-Methylphenol	97.8	97.7	A		0.00	14.6 - 188.2		
4-Bromophenyl-phenylether	158.2	123.3	A		1.39	47.8 - 198.7		
4-Chlorophenyl-phenylether	42.4	34.0	A		1.38	15.6 - 52.3		
bis(2-chloroethoxy)methane	72.2	54.4	A		1.93	26.9 - 82.0		
bis(2-chloroethyl)ether	121.0	104.3	A		0.75	37.6 - 171.0		
bis(2-chloroisopropyl)ether	44.7	36.0	A		1.14	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	54.3	51.4	A		0.26	18.0 - 84.8		
Butylbenzylphthalate	119.4	89.8	A		1.28	20.6 - 159.1		
Di-n-butylphthalate	61.5	50.4	A		1.10	20.0 - 80.8		
Dibenzofuran	61.1	47.5	A		1.54	21.0 - 74.0		
Diethylphthalate	58.5	45.3	A		1.09	8.9 - 81.7		
Dimethylphthalate	120.2	76.8	A		1.46	11.4 - 165.8		
Hexachlorocyclopentadiene	112.1	64.2	A		1.78	11.0 - 145.0		
Hexachloroethane	120.6	75.4	A		2.15	12.4 - 138.4		
Isophorone	77.4	65.2	A		1.06	30.5 - 99.8		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Nitrobenzene	131.5	97.6	A		1.76	39.8 - 155.5		
Phenol	34.4	82.7	A		-1.26	14.7 - 197.7		

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(EMAX01) EMAX Laboratories, Inc
1835 W. 205th St.
Torrance, CA 90501

Organic — Units: (ug/L)

Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4,4'-DDD	< 0.1		A					
4,4'-DDE	< 0.1		A					
4,4'-DDT	< 0.1		A					
Aldrin	< 0.1		A					
alpha Chlordane	< 0.1		A					
alpha-BHC	7.08	7.78	A		-0.53	3.82 - 11.74		
beta-BHC	0.414		A					
delta-BHC	6.43	7.02	A		-0.44	2.96 - 11.08		
Dieldrin	< 0.1		A					
Endosulfan I	9.88	9.05	A		0.42	3.04 - 15.06		
Endosulfan II	16.3	12.17	A		1.63	4.56 - 19.78		
Endosulfan sulfate	< 0.1		A					
Endrin	3.15	3.43	A		-0.41	1.39 - 5.47		
Endrin Aldehyde	< 0.1		A					
Endrin Ketone	3.56	3.99	A		-0.66	2.04 - 5.93		
gamma Chlordane	< 0.1		A					
gamma-BHC (Lindane)	5.95	6.38	A		-0.37	2.92 - 9.84		
Heptachlor	< 0.1		A					
Heptachlor epoxide	< 0.1		A					
Methoxychlor	11.1	9.90	A		0.51	2.88 - 16.92		
1,2,4-Trichlorobenzene	31.9	36.9	A		-0.56	9.9 - 64.0		
1,2-Dichlorobenzene	65.7	66.0	A		-0.02	12.1 - 119.8		
1,3-Dichlorobenzene	21.9	24.3	A		-0.38	5.1 - 43.5		
1,4-Dichlorobenzene	29.7	31.7	A		-0.21	4.8 - 60.3		
2,4,5-Trichlorophenol	50.8	62.2	A		-0.99	27.5 - 97.0		
2,4,6-Trichlorophenol	< 10		A					
2,4-Dichlorophenol	31.1	36.1	A		-0.65	13.0 - 59.2		
2,4-Dimethylphenol	64.1	65.5	A		-0.09	17.4 - 113.6		
2,4-Dinitrophenol	< 20		A					
2,4-Dinitrotoluene	77.7	84.0	A		-0.42	38.7 - 129.2		
2,6-Dichlorophenol	< 10		A					
2,6-Dinitrotoluene	< 10		A					
2-Chloronaphthalene	91.6	98.5	A		-0.36	40.1 - 157.0		
2-Chlorophenol	84.2	102.7	A		-0.86	38.1 - 167.3		
2-Methylnaphthalene	83.0	86.1	A		-0.16	26.2 - 146.1		
2-Methylphenol	68.4	69.6	A		-0.07	18.4 - 120.9		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
2-Nitrophenol	< 10		A					
3-Methyl & 4-Methylphenol	112	97.7	A		0.47	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	< 20		A					
4-Bromophenyl-phenylether	90.3	123.3	A		-1.31	47.8 - 198.7		
4-Chloro-3-methylphenol	< 10		A					
4-Chlorophenyl-phenylether	32.5	34.0	A		-0.24	15.6 - 52.3		
4-Nitrophenol	< 20		A					
Acenaphthene	< 10		A					
Acenaphthylene	< 10		A					
Anthracene	< 10		A					
Benzo(a)anthracene	< 10		A					
Benzo(a)pyrene	< 10		A					
Benzo(b)fluoranthene	< 10		A					
Benzo(g,h,i)perylene	< 10		A					
Benzo(k)fluoranthene	< 10		A					
bis(2-chloroethoxy)methane	47.3	54.4	A		-0.78	26.9 - 82.0		
bis(2-chloroethyl)ether	98.0	104.3	A		-0.28	37.6 - 171.0		
bis(2-chloroisopropyl)ether	32.9	36.0	A		-0.40	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	46.5	51.4	A		-0.44	18.0 - 84.8		
Butylbenzylphthalate	94.2	89.8	A		0.19	20.6 - 159.1		
Chrysene	< 10		A					
Di-n-butylphthalate	48.2	50.4	A		-0.22	20.0 - 80.8		
Di-n-octylphthalate	< 10		A					
Dibenzo(a,h)anthracene	< 10		A					
Dibenzofuran	44.3	47.5	A		-0.36	21.0 - 74.0		
Diethylphthalate	45.9	45.3	A		0.05	8.9 - 81.7		
Dimethylphthalate	90.6	76.8	A		0.46	11.4 - 165.8		
Fluoranthene	< 10		A					
Fluorene	< 10		A					
Hexachlorobenzene	< 10		A					
Hexachlorobutadiene	< 10		A					
Hexachlorocyclopentadiene	74.2	64.2	A		0.37	11.0 - 145.0		
Hexachloroethane	74.6	75.4	A		-0.04	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	< 10		A					
Isophorone	50.5	65.2	A		-1.27	30.5 - 99.8		
Naphthalene	< 10		A					
Nitrobenzene	90.6	97.6	A		-0.37	39.8 - 155.5		
Pentachlorophenol	< 20		A					
Phenanthrene	< 10		A					
Phenol	95.2	82.7	A		0.33	14.7 - 197.7		
Pyrene	< 10		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(HEAL01) Hall Environmental Analysis Laboratory
4901 Hawkins St. NE
Albuquerque, NM 87109

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4,4'-DDD	<0.0400		A					
4,4'-DDE	<0.0400		A					
4,4'-DDT	<0.0400		A					
Aldrin	<0.0400		A					
alpha-BHC	7.32	7.78	A		-0.35	3.82 - 11.74		
beta-BHC	0.359		A					
delta-BHC	5.68	7.02	A		-0.99	2.96 - 11.08		
Dieldrin	0.0580		W	(26)				
Endosulfan I	9.44	9.05	A		0.20	3.04 - 15.06		
Endosulfan II	12.6	12.17	A		0.17	4.56 - 19.78		
Endosulfan sulfate	<0.0400		A					
Endrin	3.46	3.43	A		0.05	1.39 - 5.47		
Endrin Aldehyde	<0.0400		A					
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	6.34	6.38	A		-0.04	2.92 - 9.84		
Heptachlor	<0.0400		A					
Heptachlor epoxide	<0.0400		A					
Methoxychlor	9.42	9.90	A		-0.21	2.88 - 16.92		
1,2,4-Trichlorobenzene	42.6	36.9	A		0.63	9.9 - 64.0		
1,2-Dichlorobenzene	94.9	66.0	A		1.61	12.1 - 119.8		
1,3-Dichlorobenzene	29.9	24.3	A		0.87	5.1 - 43.5		
1,4-Dichlorobenzene	42.5	31.7	A		1.13	4.8 - 60.3		
2,4,5-Trichlorophenol	62.2	62.2	A		0.00	27.5 - 97.0		
2,4,6-Trichlorophenol	<10.0		A					
2,4-Dichlorophenol	43.2	36.1	A		0.92	13.0 - 59.2		
2,4-Dimethylphenol	83.2	65.5	A		1.11	17.4 - 113.6		
2,4-Dinitrophenol	<20.0		A					
2,4-Dinitrotoluene	102	84.0	A		1.20	38.7 - 129.2		
2,6-Dinitrotoluene	<10.0		A					
2-Chloronaphthalene	115	98.5	A		0.85	40.1 - 157.0		
2-Chlorophenol	128	102.7	A		1.17	38.1 - 167.3		
2-Methylnaphthalene	121	86.1	A		1.74	26.2 - 146.1		
2-Methylphenol	91.8	69.6	A		1.30	18.4 - 120.9		
2-Nitrophenol	<10.0		A					
3-Methyl & 4-Methylphenol	182	97.7	A		2.79	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<20.0		A					

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4-Bromophenyl-phenylether	163	123.3	A		1.58	47.8 - 198.7		
4-Chloro-3-methylphenol	<10.0		A					
4-Chlorophenyl-phenylether	41.1	34.0	A		1.17	15.6 - 52.3		
4-Nitrophenol	<10.0		A					
Acenaphthene	<10.0		A					
Acenaphthylene	<10.0		A					
Anthracene	<10.0		A					
Benzo(a)anthracene	<10.0		A					
Benzo(a)pyrene	<10.0		A					
Benzo(b)fluoranthene	<10.0		A					
Benzo(g,h,i)perylene	<10.0		A					
Benzo(k)fluoranthene	<10.0		A					
bis(2-chloroethoxy)methane	60.3	54.4	A		0.64	26.9 - 82.0		
bis(2-chloroethyl)ether	146	104.3	A		1.87	37.6 - 171.0		
bis(2-chloroisopropyl)ether	38.9	36.0	A		0.38	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	51.3	51.4	A		-0.01	18.0 - 84.8		
Butylbenzylphthalate	93.4	89.8	A		0.16	20.6 - 159.1		
Chrysene	<10.0		A					
Di-n-butylphthalate	60.9	50.4	A		1.04	20.0 - 80.8		
Di-n-octylphthalate	<10.0		A					
Dibenzo(a,h)anthracene	<10.0		A					
Dibenzofuran	54.3	47.5	A		0.77	21.0 - 74.0		
Diethylphthalate	50.6	45.3	A		0.44	8.9 - 81.7		
Dimethylphthalate	110	76.8	A		1.12	11.4 - 165.8		
Fluoranthene	<10.0		A					
Fluorene	<10.0		A					
Hexachlorobenzene	<10.0		A					
Hexachlorobutadiene	<10.0		A					
Hexachlorocyclopentadiene	79.2	64.2	A		0.56	11.0 - 145.0		
Hexachloroethane	100	75.4	A		1.17	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<10.0		A					
Isophorone	71.5	65.2	A		0.55	30.5 - 99.8		
Naphthalene	<10.0		A					
Nitrobenzene	130	97.6	A		1.68	39.8 - 155.5		
Pentachlorophenol	<20.0		A					
Phenanthrene	<10.0		A					
Phenol	74.6	82.7	A		-0.21	14.7 - 197.7		
Pyrene	<10.0		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(MART01) Fluor B&W Ports Analytical Laboratory
Lab COC, Bldg. X-710, Rm 222
Piketon, OH 45661-

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	45.3	36.9	A		0.93	9.9 - 64.0		
1,2-Dichlorobenzene	96.6	66.0	A		1.71	12.1 - 119.8		
1,3-Dichlorobenzene	31.0	24.3	A		1.05	5.1 - 43.5		
1,4-Dichlorobenzene	41.9	31.7	A		1.07	4.8 - 60.3		
2,4,5-Trichlorophenol	62.5	62.2	A		0.02	27.5 - 97.0		
2,4,6-Trichlorophenol	<32.0		A					
2,4-Dichlorophenol	46.5	36.1	A		1.35	13.0 - 59.2		
2,4-Dimethylphenol	80.6	65.5	A		0.94	17.4 - 113.6		
2,4-Dinitrophenol	<20.0		A					
2,4-Dinitrotoluene	78.1	84.0	A		-0.39	38.7 - 129.2		
2,6-Dinitrotoluene	<13.4		A					
2-Chloronaphthalene	116	98.5	A		0.90	40.1 - 157.0		
2-Chlorophenol	123	102.7	A		0.94	38.1 - 167.3		
2-Methylnaphthalene	NR	86.1				26.2 - 146.1		
2-Methylphenol	92.0	69.6	A		1.31	18.4 - 120.9		
2-Nitrophenol	<32.0		A					
3-Methyl & 4-Methylphenol	127	97.7	A		0.97	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<28.0		A					
4-Bromophenyl-phenylether	146	123.3	A		0.90	47.8 - 198.7		
4-Chloro-3-methylphenol	<20.0		A					
4-Chlorophenyl-phenylether	38.9	34.0	A		0.81	15.6 - 52.3		
4-Nitrophenol	<20.0		A					
Acenaphthene	<11.2		A					
Acenaphthylene	<6.00		A					
Anthracene	<9.80		A					
Benzo(a)anthracene	<7.80		A					
Benzo(a)pyrene	<12.8		A					
Benzo(b)fluoranthene	<11.6		A					

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Benzo(g,h,i)perylene	<5.80		A					
Benzo(k)fluoranthene	<10.0		A					
bis(2-chloroethoxy)methane	67.3	54.4	A		1.40	26.9 - 82.0		
bis(2-chloroethyl)ether	129	104.3	A		1.11	37.6 - 171.0		
bis(2-chloroisopropyl)ether	42.7	36.0	A		0.88	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	71.8	51.4	A		1.83	18.0 - 84.8		
Butylbenzylphthalate	108	89.8	A		0.79	20.6 - 159.1		
Chrysene	<10.4		A					
Di-n-butylphthalate	63.2	50.4	A		1.27	20.0 - 80.8		
Di-n-octylphthalate	<28.0		A					
Dibenzo(a,h)anthracene	<9.80		A					
Dibenzofuran	NR	47.5				21.0 - 74.0		
Diethylphthalate	55.0	45.3	A		0.80	8.9 - 81.7		
Dimethylphthalate	114	76.8	A		1.25	11.4 - 165.8		
Fluoranthene	<28.0		A					
Fluorene	<20.0		A					
Hexachlorobenzene	<15.4		A					
Hexachlorobutadiene	<10.0		A					
Hexachlorocyclopentadiene	NR	64.2				11.0 - 145.0		
Hexachloroethane	96.8	75.4	A		1.02	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<8.60		A					
Isophorone	68.0	65.2	A		0.25	30.5 - 99.8		
Naphthalene	<20.0		A					
Nitrobenzene	123	97.6	A		1.32	39.8 - 155.5		
Pentachlorophenol	<22.0		A					
Phenanthrene	<30.0		A					
Phenol	130	82.7	A		1.24	14.7 - 197.7		
Pyrene	<19.2		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(MART02) United States Enrichment Corporation
PO Box 1410
Paducah, KY 42002

Organic — Units: (ug/L)

Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	31	36.9	A		-0.66	9.9 - 64.0		
1,2-Dichlorobenzene	66	66.0	A		0.00	12.1 - 119.8		
1,3-Dichlorobenzene	22	24.3	A		-0.36	5.1 - 43.5		
1,4-Dichlorobenzene	30	31.7	A		-0.18	4.8 - 60.3		
2,4,5-Trichlorophenol	55	62.2	A		-0.62	27.5 - 97.0		
2,4,6-Trichlorophenol	<5.0		A					
2,4-Dichlorophenol	33	36.1	A		-0.40	13.0 - 59.2		
2,4-Dimethylphenol	62	65.5	A		-0.22	17.4 - 113.6		
2,4-Dinitrophenol	<5.0		A					
2,4-Dinitrotoluene	82	84.0	A		-0.13	38.7 - 129.2		
2,6-Dichlorophenol	<5.0		A					
2,6-Dinitrotoluene	<5.0		A					
2-Chloronaphthalene	82	98.5	A		-0.85	40.1 - 157.0		
2-Chlorophenol	92	102.7	A		-0.50	38.1 - 167.3		
2-Methylnaphthalene	78	86.1	A		-0.41	26.2 - 146.1		
2-Methylphenol	62	69.6	A		-0.45	18.4 - 120.9		
2-Nitrophenol	<5.0		A					
3-Methyl & 4-Methylphenol	87	97.7	A		-0.36	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<5.0		A					
4-Bromophenyl-phenylether	130	123.3	A		0.27	47.8 - 198.7		
4-Chloro-3-methylphenol	<5.0		A					
4-Chlorophenyl-phenylether	32	34.0	A		-0.32	15.6 - 52.3		
4-Nitrophenol	<5.0		A					
Acenaphthene	<5.0		A					
Acenaphthylene	<5.0		A					
Anthracene	<5.0		A					
Benzo(a)anthracene	<5.0		A					
Benzo(a)pyrene	<5.0		A					

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Benzo(b)fluoranthene	<5.0		A					
Benzo(g,h,i)perylene	<5.0		A					
Benzo(k)fluoranthene	<5.0		A					
bis(2-chloroethoxy)methane	50	54.4	A		-0.48	26.9 - 82.0		
bis(2-chloroethyl)ether	110	104.3	A		0.26	37.6 - 171.0		
bis(2-chloroisopropyl)ether	34	36.0	A		-0.26	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	48	51.4	A		-0.31	18.0 - 84.8		
Butylbenzylphthalate	85	89.8	A		-0.21	20.6 - 159.1		
Chrysene	<5.0		A					
Di-n-butylphthalate	51	50.4	A		0.06	20.0 - 80.8		
Di-n-octylphthalate	<5.0		A					
Dibenzo(a,h)anthracene	<5.0		A					
Dibenzofuran	42	47.5	A		-0.62	21.0 - 74.0		
Diethylphthalate	45	45.3	A		-0.03	8.9 - 81.7		
Dimethylphthalate	86	76.8	A		0.31	11.4 - 165.8		
Fluoranthene	<5.0		A					
Fluorene	<5.0		A					
Hexachlorobenzene	<5.0		A					
Hexachlorobutadiene	<5.0		A					
Hexachlorocyclopentadiene	56	64.2	A		-0.30	11.0 - 145.0		
Hexachloroethane	66	75.4	A		-0.45	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<5.0		A					
Isophorone	51	65.2	A		-1.23	30.5 - 99.8		
Naphthalene	<5.0		A					
Nitrobenzene	91	97.6	A		-0.35	39.8 - 155.5		
Pentachlorophenol	<5.0		A					
Phenanthrene	<5.0		A					
Phenol	44	82.7	A		-1.01	14.7 - 197.7		
Pyrene	<5.0		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(MLIL01) Microbac Laboratories, Inc
158 Starlite Drive
Marietta, OH 45750

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	15.9	36.9	A		-2.34	9.9 - 64.0		
1,2-Dichlorobenzene	35.1	66.0	A		-1.72	12.1 - 119.8		
1,3-Dichlorobenzene	10.9	24.3	A		-2.09	5.1 - 43.5		
1,4-Dichlorobenzene	15.6	31.7	A		-1.70	4.8 - 60.3		
2,4,5-Trichlorophenol	33.4	62.2	A		-2.49	27.5 - 97.0		
2,4,6-Trichlorophenol	36.0		N	(1)				
2,4-Dichlorophenol	17.3	36.1	A		-2.44	13.0 - 59.2		
2,4-Dimethylphenol	35.1	65.5	A		-1.90	17.4 - 113.6		
2,4-Dinitrophenol	<24.5		A					
2,4-Dinitrotoluene	52.5	84.0	A		-2.09	38.7 - 129.2		
2,6-Dichlorophenol	<4.90		A					
2,6-Dinitrotoluene	<4.90		A					
2-Chloronaphthalene	48.8	98.5	A		-2.55	40.1 - 157.0		
2-Chlorophenol	49.7	102.7	A		-2.46	38.1 - 167.3		
2-Methylnaphthalene	46.4	86.1	A		-1.99	26.2 - 146.1		
2-Methylphenol	38.0	69.6	A		-1.85	18.4 - 120.9		
2-Nitrophenol	<4.90		A					
3-Methyl & 4-Methylphenol	67.8	97.7	A		-0.99	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<24.5		A					
4-Bromophenyl-phenylether	77.8	123.3	A		-1.81	47.8 - 198.7		
4-Chloro-3-methylphenol	<4.90		A					
4-Chlorophenyl-phenylether	16.3	34.0	A		-2.89	15.6 - 52.3		
4-Nitrophenol	<24.5		A					
Acenaphthene	<4.90		A					
Acenaphthylene	<4.90		A					
Anthracene	<4.90		A					
Benzo(a)anthracene	<4.90		A					
Benzo(a)pyrene	<4.90		A					

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Benzo(b)fluoranthene	<4.90		A					
Benzo(g,h,i)perylene	<4.90		A					
Benzo(k)fluoranthene	<4.90		A					
bis(2-chloroethoxy)methane	18.9	54.4	N		-3.87	26.9 - 82.0		
bis(2-chloroethyl)ether	49.5	104.3	A		-2.47	37.6 - 171.0		
bis(2-chloroisopropyl)ether	18.6	36.0	A		-2.27	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	36.1	51.4	A		-1.37	18.0 - 84.8		
Butylbenzylphthalate	84.8	89.8	A		-0.22	20.6 - 159.1		
Chrysene	<4.90		A					
Di-n-butylphthalate	43.4	50.4	A		-0.69	20.0 - 80.8		
Di-n-octylphthalate	<4.90		A					
Dibenzo(a,h)anthracene	<4.90		A					
Dibenzofuran	25.0	47.5	A		-2.55	21.0 - 74.0		
Diethylphthalate	26.7	45.3	A		-1.54	8.9 - 81.7		
Dimethylphthalate	51.8	76.8	A		-0.84	11.4 - 165.8		
Fluoranthene	<4.90		A					
Fluorene	<4.90		A					
Hexachlorobenzene	<4.90		A					
Hexachlorobutadiene	<4.90		A					
Hexachlorocyclopentadiene	34.7	64.2	A		-1.10	11.0 - 145.0		
Hexachloroethane	36.3	75.4	A		-1.86	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<4.90		A					
Isophorone	27.8	65.2	N		-3.24	30.5 - 99.8		
Naphthalene	<4.90		A					
Nitrobenzene	49.3	97.6	A		-2.51	39.8 - 155.5		
Pentachlorophenol	<24.5		A					
Phenanthrene	<4.90		A					
Phenol	57.0	82.7	A		-0.67	14.7 - 197.7		
Pyrene	<4.90		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(NARL01) National Air and Radiation Environmental Laboratory
540 S. Morris Ave.
Montgomery, AL 36115-2601

Organic — Units: (ug/L)

Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	NR	36.9				9.9 - 64.0		
1,2-Dichlorobenzene	NR	66.0				12.1 - 119.8		
1,3-Dichlorobenzene	NR	24.3				5.1 - 43.5		
1,4-Dichlorobenzene	NR	31.7				4.8 - 60.3		
2,4,5-Trichlorophenol	NR	62.2				27.5 - 97.0		
2,4-Dichlorophenol	NR	36.1				13.0 - 59.2		
2,4-Dimethylphenol	NR	65.5				17.4 - 113.6		
2,4-Dinitrotoluene	NR	84.0				38.7 - 129.2		
2-Chloronaphthalene	NR	98.5				40.1 - 157.0		
2-Chlorophenol	NR	102.7				38.1 - 167.3		
2-Methylnaphthalene	NR	86.1				26.2 - 146.1		
2-Methylphenol	NR	69.6				18.4 - 120.9		
3-Methyl & 4-Methylphenol	NR	97.7				14.6 - 188.2		
4-Bromophenyl-phenylether	NR	123.3				47.8 - 198.7		
4-Chlorophenyl-phenylether	NR	34.0				15.6 - 52.3		
bis(2-chloroethoxy)methane	NR	54.4				26.9 - 82.0		
bis(2-chloroethyl)ether	NR	104.3				37.6 - 171.0		
bis(2-chloroisopropyl)ether	NR	36.0				13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	NR	51.4				18.0 - 84.8		
Butylbenzylphthalate	NR	89.8				20.6 - 159.1		
Di-n-butylphthalate	NR	50.4				20.0 - 80.8		
Dibenzofuran	NR	47.5				21.0 - 74.0		
Diethylphthalate	NR	45.3				8.9 - 81.7		
Dimethylphthalate	NR	76.8				11.4 - 165.8		
Hexachlorocyclopentadiene	NR	64.2				11.0 - 145.0		
Hexachloroethane	NR	75.4				12.4 - 138.4		
Isophorone	NR	65.2				30.5 - 99.8		
Nitrobenzene	NR	97.6				39.8 - 155.5		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Phenol	NR	82.7				14.7 - 197.7		

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

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(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(OTLI01) Outreach Technologies, Inc.
311 N. Aspen
Broken Arrow, OK 74012-

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4,4'-DDD	< 1		A					
4,4'-DDE	<1		A					
4,4'-DDT	<1		A					
Aldrin	<1		A					
alpha Chlordane	<1		A					
alpha-BHC	7.32	7.78	A		-0.35	3.82 - 11.74		
beta-BHC	<1		A					
delta-BHC	6.26	7.02	A		-0.56	2.96 - 11.08		
Dieldrin	<1		A					
Endosulfan I	15.5	9.05	N		3.22	3.04 - 15.06		
Endosulfan II	14.3	12.17	A		0.84	4.56 - 19.78		
Endosulfan sulfate	8.52		N	(1)				
Endrin	3.76	3.43	A		0.49	1.39 - 5.47		
Endrin Aldehyde	<1		A					
Endrin Ketone	4.04	3.99	A		0.08	2.04 - 5.93		
gamma Chlordane	<1		A					
gamma-BHC (Lindane)	6.0	6.38	A		-0.33	2.92 - 9.84		
Heptachlor	<1		A					
Heptachlor epoxide	<1		A					
Methoxychlor	10.0	9.90	A		0.04	2.88 - 16.92		
1,2,4-Trichlorobenzene	21.3	36.9	A		-1.74	9.9 - 64.0		
1,2-Dichlorobenzene	51.7	66.0	A		-0.80	12.1 - 119.8		
1,3-Dichlorobenzene	16.4	24.3	A		-1.23	5.1 - 43.5		
1,4-Dichlorobenzene	21.8	31.7	A		-1.04	4.8 - 60.3		
2,4,5-Trichlorophenol	11.4	62.2	N		-4.39	27.5 - 97.0		
2,4,6-Trichlorophenol	11.8		N	(1)				
2,4-Dichlorophenol	<20	36.1	A			13.0 - 59.2		
2,4-Dimethylphenol	40.4	65.5	A		-1.57	17.4 - 113.6		
2,4-Dinitrophenol	<20		A					
2,4-Dinitrotoluene	53.3	84.0	A		-2.03	38.7 - 129.2		
2,6-Dichlorophenol	<20		A					
2,6-Dinitrotoluene	<20		A					
2-Chloronaphthalene	59.6	98.5	A		-2.00	40.1 - 157.0		
2-Chlorophenol	66.3	102.7	A		-1.69	38.1 - 167.3		
2-Methylnaphthalene	45.3	86.1	A		-2.04	26.2 - 146.1		
2-Methylphenol	53.6	69.6	A		-0.94	18.4 - 120.9		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
2-Nitrophenol	<20		A					
3-Methyl & 4-Methylphenol	75.2	97.7	A		-0.75	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<20		A					
4-Bromophenyl-phenylether	71.8	123.3	A		-2.05	47.8 - 198.7		
4-Chloro-3-methylphenol	<20		A					
4-Chlorophenyl-phenylether	18.4	34.0	A		-2.54	15.6 - 52.3		
4-Nitrophenol	<20		A					
Acenaphthene	<20		A					
Acenaphthylene	<20		A					
Anthracene	<20		A					
Benzo(a)anthracene	<20		A					
Benzo(a)pyrene	<20		A					
Benzo(b)fluoranthene	<20		A					
Benzo(g,h,i)perylene	<20		A					
Benzo(k)fluoranthene	<20		A					
bis(2-chloroethoxy)methane	49	54.4	A		-0.59	26.9 - 82.0		
bis(2-chloroethyl)ether	<20	104.3	N	(2)		37.6 - 171.0		
bis(2-chloroisopropyl)ether	57	36.0	A		2.75	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	22	51.4	A		-2.64	18.0 - 84.8		
Butylbenzylphthalate	22	89.8	A		-2.94	20.6 - 159.1		
Chrysene	<20		A					
Di-n-butylphthalate	28	50.4	A		-2.21	20.0 - 80.8		
Di-n-octylphthalate	<20		A					
Dibenzo(a,h)anthracene	<20		A					
Dibenzofuran	<20	47.5	N	(2)		21.0 - 74.0		
Diethylphthalate	18.8	45.3	A		-2.19	8.9 - 81.7		
Dimethylphthalate	13.2	76.8	A		-2.15	11.4 - 165.8		
Fluoranthene	<20		A					
Fluorene	<20		A					
Hexachlorobenzene	<20		A					
Hexachlorobutadiene	<20		A					
Hexachlorocyclopentadiene	26	64.2	A		-1.42	11.0 - 145.0		
Hexachloroethane	47	75.4	A		-1.35	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<20		A					
Isophorone	<20	65.2	N	(2)		30.5 - 99.8		
Naphthalene	<20		A					
Nitrobenzene	78.4	97.6	A		-1.00	39.8 - 155.5		
Pentachlorophenol	<20		A					
Phenanthrene	<20		A					
Phenol	69	82.7	A		-0.36	14.7 - 197.7		
Pyrene	<20		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(QUAN01) TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045-

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
4,4'-DDD	< 0.050		A					
4,4'-DDE	< 0.05		A					
4,4'-DDT	< 0.05		A					
Aldrin	< 0.05		A					
alpha Chlordane	< 0.050		A					
alpha-BHC	8.37	7.78	A		0.45	3.82 - 11.74		
beta-BHC	0.303		A					
delta-BHC	7.14	7.02	A		0.09	2.96 - 11.08		
Dieldrin	< 0.05		A					
Endosulfan I	9.66	9.05	A		0.31	3.04 - 15.06		
Endosulfan II	13.0	12.17	A		0.33	4.56 - 19.78		
Endosulfan sulfate	< 0.05		A					
Endrin	3.36	3.43	A		-0.10	1.39 - 5.47		
Endrin Aldehyde	< 0.05		A					
Endrin Ketone	3.46	3.99	A		-0.81	2.04 - 5.93		
gamma Chlordane	< 0.050		A					
gamma-BHC (Lindane)	6.91	6.38	A		0.46	2.92 - 9.84		
Heptachlor	< 0.05		A					
Heptachlor epoxide	< 0.05		A					
Methoxychlor	8.21	9.90	A		-0.72	2.88 - 16.92		
1,2,4-Trichlorobenzene	34.7	36.9	A		-0.25	9.9 - 64.0		
1,2-Dichlorobenzene	66.0	66.0	A		0.00	12.1 - 119.8		
1,3-Dichlorobenzene	22.1	24.3	A		-0.34	5.1 - 43.5		
1,4-Dichlorobenzene	30.2	31.7	A		-0.16	4.8 - 60.3		
2,4,5-Trichlorophenol	56.2	62.2	A		-0.52	27.5 - 97.0		
2,4,6-Trichlorophenol	< 10.0		A					
2,4-Dichlorophenol	34.7	36.1	A		-0.18	13.0 - 59.2		
2,4-Dimethylphenol	61.7	65.5	A		-0.24	17.4 - 113.6		
2,4-Dinitrophenol	< 50.0		A					
2,4-Dinitrotoluene	77.0	84.0	A		-0.46	38.7 - 129.2		
2,6-Dichlorophenol	< 10.0		A					
2,6-Dinitrotoluene	< 10.0		A					
2-Chloronaphthalene	88.5	98.5	A		-0.52	40.1 - 157.0		
2-Chlorophenol	88.4	102.7	A		-0.66	38.1 - 167.3		
2-Methylnaphthalene	80.5	86.1	A		-0.28	26.2 - 146.1		
2-Methylphenol	55.6	69.6	A		-0.82	18.4 - 120.9		

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
2-Nitrophenol	< 10.0		A					
3-Methyl & 4-Methylphenol	94.0	97.7	A		-0.12	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	< 50.0		A					
4-Bromophenyl-phenylether	122	123.3	A		-0.05	47.8 - 198.7		
4-Chloro-3-methylphenol	< 10.0		A					
4-Chlorophenyl-phenylether	31.5	34.0	A		-0.40	15.6 - 52.3		
4-Nitrophenol	< 50.0		A					
Acenaphthene	< 10.0		A					
Acenaphthylene	< 10.0		A					
Anthracene	< 10.0		A					
Benzo(a)anthracene	< 10.0		A					
Benzo(a)pyrene	< 10.0		A					
Benzo(b)fluoranthene	< 10.0		A					
Benzo(g,h,i)perylene	< 10.0		A					
Benzo(k)fluoranthene	< 10.0		A					
bis(2-chloroethoxy)methane	49.7	54.4	A		-0.52	26.9 - 82.0		
bis(2-chloroethyl)ether	94.2	104.3	A		-0.46	37.6 - 171.0		
bis(2-chloroisopropyl)ether	30.8	36.0	A		-0.68	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	41.0	51.4	A		-0.93	18.0 - 84.8		
Butylbenzylphthalate	80.1	89.8	A		-0.42	20.6 - 159.1		
Chrysene	< 10.0		A					
Di-n-butylphthalate	44.9	50.4	A		-0.54	20.0 - 80.8		
Di-n-octylphthalate	< 10.0		A					
Dibenzo(a,h)anthracene	< 10.0		A					
Dibenzofuran	41.1	47.5	A		-0.72	21.0 - 74.0		
Diethylphthalate	42.8	45.3	A		-0.21	8.9 - 81.7		
Dimethylphthalate	87.1	76.8	A		0.35	11.4 - 165.8		
Fluoranthene	< 10.0		A					
Fluorene	< 10.0		A					
Hexachlorobenzene	< 10.0		A					
Hexachlorobutadiene	< 10.0		A					
Hexachlorocyclopentadiene	74.7	64.2	A		0.39	11.0 - 145.0		
Hexachloroethane	68.7	75.4	A		-0.32	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	< 10.0		A					
Isophorone	63.4	65.2	A		-0.15	30.5 - 99.8		
Naphthalene	< 10.0		A					
Nitrobenzene	91.2	97.6	A		-0.33	39.8 - 155.5		
Pentachlorophenol	< 50.0		A					
Phenanthrene	< 10.0		A					
Phenol	39.4	82.7	A		-1.13	14.7 - 197.7		
Pyrene	< 10.0		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(QUAN02) TestAmerica Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921-

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	37.0	36.9	A		0.01	9.9 - 64.0		
1,2-Dichlorobenzene	73.3	66.0	A		0.41	12.1 - 119.8		
1,3-Dichlorobenzene	25.0	24.3	A		0.11	5.1 - 43.5		
1,4-Dichlorobenzene	35.0	31.7	A		0.34	4.8 - 60.3		
2,4,5-Trichlorophenol	60.7	62.2	A		-0.13	27.5 - 97.0		
2,4,6-Trichlorophenol	<10.0		A					
2,4-Dichlorophenol	34.2	36.1	A		-0.24	13.0 - 59.2		
2,4-Dimethylphenol	66.0	65.5	A		0.03	17.4 - 113.6		
2,4-Dinitrophenol	<50.0		A					
2,4-Dinitrotoluene	84.1	84.0	A		0.01	38.7 - 129.2		
2,6-Dinitrotoluene	<10.0		A					
2-Chloronaphthalene	100	98.5	A		0.08	40.1 - 157.0		
2-Chlorophenol	103	102.7	A		0.01	38.1 - 167.3		
2-Methylnaphthalene	93.1	86.1	A		0.35	26.2 - 146.1		
2-Methylphenol	77.5	69.6	A		0.46	18.4 - 120.9		
2-Nitrophenol	<10.0		A					
3-Methyl & 4-Methylphenol	121	97.7	A		0.77	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<50.0		A					
4-Bromophenyl-phenylether	148	123.3	A		0.98	47.8 - 198.7		
4-Chloro-3-methylphenol	<10.0		A					
4-Chlorophenyl-phenylether	34.9	34.0	A		0.15	15.6 - 52.3		
4-Nitrophenol	<50.0		A					
Acenaphthene	<10.0		A					
Acenaphthylene	<10.0		A					
Anthracene	<10.0		A					
Benzo(a)anthracene	<10.0		A					
Benzo(a)pyrene	<10.0		A					
Benzo(b)fluoranthene	<10.0		A					

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Benzo(g,h,i)perylene	<10.0		A					
Benzo(k)fluoranthene	<10.0		A					
bis(2-chloroethoxy)methane	49.1	54.4	A		-0.58	26.9 - 82.0		
bis(2-chloroethyl)ether	111	104.3	A		0.30	37.6 - 171.0		
bis(2-chloroisopropyl)ether	37.0	36.0	A		0.13	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	57.0	51.4	A		0.50	18.0 - 84.8		
Butylbenzylphthalate	111	89.8	A		0.92	20.6 - 159.1		
Chrysene	<10.0		A					
Di-n-butylphthalate	56.0	50.4	A		0.55	20.0 - 80.8		
Di-n-octylphthalate	<10.0		A					
Dibenzo(a,h)anthracene	<10.0		A					
Dibenzofuran	46.8	47.5	A		-0.08	21.0 - 74.0		
Diethylphthalate	49.2	45.3	A		0.32	8.9 - 81.7		
Dimethylphthalate	101	76.8	A		0.82	11.4 - 165.8		
Fluoranthene	<10.0		A					
Fluorene	<10.0		A					
Hexachlorobenzene	<10.0		A					
Hexachlorobutadiene	<10.0		A					
Hexachlorocyclopentadiene	92.7	64.2	A		1.06	11.0 - 145.0		
Hexachloroethane	86.9	75.4	A		0.55	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<10.0		A					
Isophorone	61.7	65.2	A		-0.30	30.5 - 99.8		
Naphthalene	<10.0		A					
Nitrobenzene	109	97.6	A		0.59	39.8 - 155.5		
Pentachlorophenol	<50.0		A					
Phenanthrene	<10.0		A					
Phenol	118	82.7	A		0.92	14.7 - 197.7		
Pyrene	<10.0		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(SOUT01) Southwest Research Institute
6220 Culebra Rd.
San Antonio, TX 78228-0510

Organic — Units: (ug/L)

Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	26.6	36.9	A		-1.15	9.9 - 64.0		
1,2-Dichlorobenzene	57.1	66.0	A		-0.49	12.1 - 119.8		
1,3-Dichlorobenzene	18.6	24.3	A		-0.89	5.1 - 43.5		
1,4-Dichlorobenzene	25.7	31.7	A		-0.63	4.8 - 60.3		
2,4,5-Trichlorophenol	53.4	62.2	A		-0.76	27.5 - 97.0		
2,4,6-Trichlorophenol	<10.0		A					
2,4-Dichlorophenol	32.8	36.1	A		-0.43	13.0 - 59.2		
2,4-Dimethylphenol	63.8	65.5	A		-0.11	17.4 - 113.6		
2,4-Dinitrophenol	<10.0		A					
2,4-Dinitrotoluene	80.8	84.0	A		-0.21	38.7 - 129.2		
2,6-Dinitrotoluene	<10.0		A					
2-Chloronaphthalene	79.4	98.5	A		-0.98	40.1 - 157.0		
2-Chlorophenol	93.4	102.7	A		-0.43	38.1 - 167.3		
2-Methylnaphthalene	81.9	86.1	A		-0.21	26.2 - 146.1		
2-Methylphenol	67.9	69.6	A		-0.10	18.4 - 120.9		
2-Nitrophenol	<10.0		A					
3-Methyl & 4-Methylphenol	104	97.7	A		0.21	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<10.0		A					
4-Bromophenyl-phenylether	123	123.3	A		-0.01	47.8 - 198.7		
4-Chloro-3-methylphenol	<10.0		A					
4-Chlorophenyl-phenylether	29.3	34.0	A		-0.76	15.6 - 52.3		
4-Nitrophenol	<10.0		A					
Acenaphthene	<10.0		A					
Acenaphthylene	<10.0		A					
Anthracene	<10.0		A					
Benzo(a)anthracene	<10.0		A					
Benzo(a)pyrene	<10.0		A					
Benzo(b)fluoranthene	<10.0		A					

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Benzo(g,h,i)perylene	<10.0		A					
Benzo(k)fluoranthene	<10.0		A					
bis(2-chloroethoxy)methane	49.4	54.4	A		-0.55	26.9 - 82.0		
bis(2-chloroethyl)ether	97.6	104.3	A		-0.30	37.6 - 171.0		
bis(2-chloroisopropyl)ether	31.6	36.0	A		-0.57	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	47.9	51.4	A		-0.31	18.0 - 84.8		
Butylbenzylphthalate	92.9	89.8	A		0.13	20.6 - 159.1		
Chrysene	<10.0		A					
Di-n-butylphthalate	48.0	50.4	A		-0.24	20.0 - 80.8		
Di-n-octylphthalate	<10.0		A					
Dibenzo(a,h)anthracene	<10.0		A					
Dibenzofuran	42.5	47.5	A		-0.57	21.0 - 74.0		
Diethylphthalate	44.6	45.3	A		-0.06	8.9 - 81.7		
Dimethylphthalate	91.1	76.8	A		0.48	11.4 - 165.8		
Fluoranthene	<10.0		A					
Fluorene	<10.0		A					
Hexachlorobenzene	<10.0		A					
Hexachlorobutadiene	<10.0		A					
Hexachlorocyclopentadiene	49.0	64.2	A		-0.56	11.0 - 145.0		
Hexachloroethane	55.0	75.4	A		-0.97	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<10.0		A					
Isophorone	53.3	65.2	A		-1.03	30.5 - 99.8		
Naphthalene	<10.0		A					
Nitrobenzene	93.5	97.6	A		-0.22	39.8 - 155.5		
Pentachlorophenol	<10.0		A					
Phenanthrene	<10.0		A					
Phenol	73.3	82.7	A		-0.25	14.7 - 197.7		
Pyrene	<10.0		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

MAPEP Mixed Analyte Performance Evaluation Program

Department of Energy RESL - 1955 Fremont Ave, MS4149 - Idaho Falls, ID 83415

Laboratory Results For MAPEP-11-OrW25
(WEST01) Lionville Laboratory
264 Welsh Pool Road
Exton, PA 19341-1313

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
alpha-BHC	NR	7.78				3.82 - 11.74		
delta-BHC	NR	7.02				2.96 - 11.08		
Endosulfan I	NR	9.05				3.04 - 15.06		
Endosulfan II	NR	12.17				4.56 - 19.78		
Endrin	NR	3.43				1.39 - 5.47		
Endrin Ketone	NR	3.99				2.04 - 5.93		
gamma-BHC (Lindane)	NR	6.38				2.92 - 9.84		
Methoxychlor	NR	9.90				2.88 - 16.92		
1,2,4-Trichlorobenzene	42.8	36.9	A		0.65	9.9 - 64.0		
1,2-Dichlorobenzene	84.7	66.0	A		1.04	12.1 - 119.8		
1,3-Dichlorobenzene	27.7	24.3	A		0.53	5.1 - 43.5		
1,4-Dichlorobenzene	38.1	31.7	A		0.67	4.8 - 60.3		
2,4,5-Trichlorophenol	79.7	62.2	A		1.51	27.5 - 97.0		
2,4,6-Trichlorophenol	<10		A					
2,4-Dichlorophenol	49.2	36.1	A		1.70	13.0 - 59.2		
2,4-Dimethylphenol	93.9	65.5	A		1.77	17.4 - 113.6		
2,4-Dinitrophenol	<50		A					
2,4-Dinitrotoluene	82.5	84.0	A		-0.10	38.7 - 129.2		
2,6-Dichlorophenol	<10		A					
2,6-Dinitrotoluene	<10		A					
2-Chloronaphthalene	133	98.5	A		1.77	40.1 - 157.0		
2-Chlorophenol	127	102.7	A		1.13	38.1 - 167.3		
2-Methylnaphthalene	110	86.1	A		1.19	26.2 - 146.1		
2-Methylphenol	93.6	69.6	A		1.40	18.4 - 120.9		
2-Nitrophenol	<10		A					
3-Methyl & 4-Methylphenol	147	97.7	A		1.63	14.6 - 188.2		
4,6-Dinitro-2-methylphenol	<25		A					
4-Bromophenyl-phenylether	189	123.3	A		2.61	47.8 - 198.7		
4-Chloro-3-methylphenol	<10		A					
4-Chlorophenyl-phenylether	43.5	34.0	A		1.56	15.6 - 52.3		
4-Nitrophenol	<25		A					
Acenaphthene	<10		A					
Acenaphthylene	<10		A					
Anthracene	<10		A					
Benzo(a)anthracene	<10		A					
Benzo(a)pyrene	<10		A					

Organic								Units: (ug/L)
Analyte	Result	Ref Value	Flag	Notes	Z-Score	Acceptance Range	Unc Value	Unc Flag
Benzo(b)fluoranthene	<10		A					
Benzo(g,h,i)perylene	<10		A					
Benzo(k)fluoranthene	<10		A					
bis(2-chloroethoxy)methane	61.9	54.4	A		0.81	26.9 - 82.0		
bis(2-chloroethyl)ether	120	104.3	A		0.71	37.6 - 171.0		
bis(2-chloroisopropyl)ether	40.9	36.0	A		0.64	13.0 - 58.9		
Bis(2-ethylhexyl)phthalate	71.3	51.4	A		1.79	18.0 - 84.8		
Butylbenzylphthalate	112	89.8	A		0.96	20.6 - 159.1		
Chrysene	<10		A					
Di-n-butylphthalate	58.7	50.4	A		0.82	20.0 - 80.8		
Di-n-octylphthalate	<10		A					
Dibenzo(a,h)anthracene	<10		A					
Dibenzofuran	58.9	47.5	A		1.29	21.0 - 74.0		
Diethylphthalate	56.2	45.3	A		0.90	8.9 - 81.7		
Dimethylphthalate	120	76.8	A		1.46	11.4 - 165.8		
Fluoranthene	<10		A					
Fluorene	<10		A					
Hexachlorobenzene	<10		A					
Hexachlorobutadiene	<10		A					
Hexachlorocyclopentadiene	83.1	64.2	A		0.70	11.0 - 145.0		
Hexachloroethane	78.8	75.4	A		0.16	12.4 - 138.4		
Indeno(1,2,3-c,d)pyrene	<10		A					
Isophorone	69.0	65.2	A		0.33	30.5 - 99.8		
Naphthalene	<10		A					
Nitrobenzene	123	97.6	A		1.32	39.8 - 155.5		
Pentachlorophenol	<25		A					
Phenanthrene	<10		A					
Phenol	146	82.7	A		1.65	14.7 - 197.7		
Pyrene	<10		A					

NOTE: The spiking solution used to create the MAPEP OrW standard was prepared and validated by RESL Chemists.

Criteria based on FoPT Table for NPW - October 3, 2011

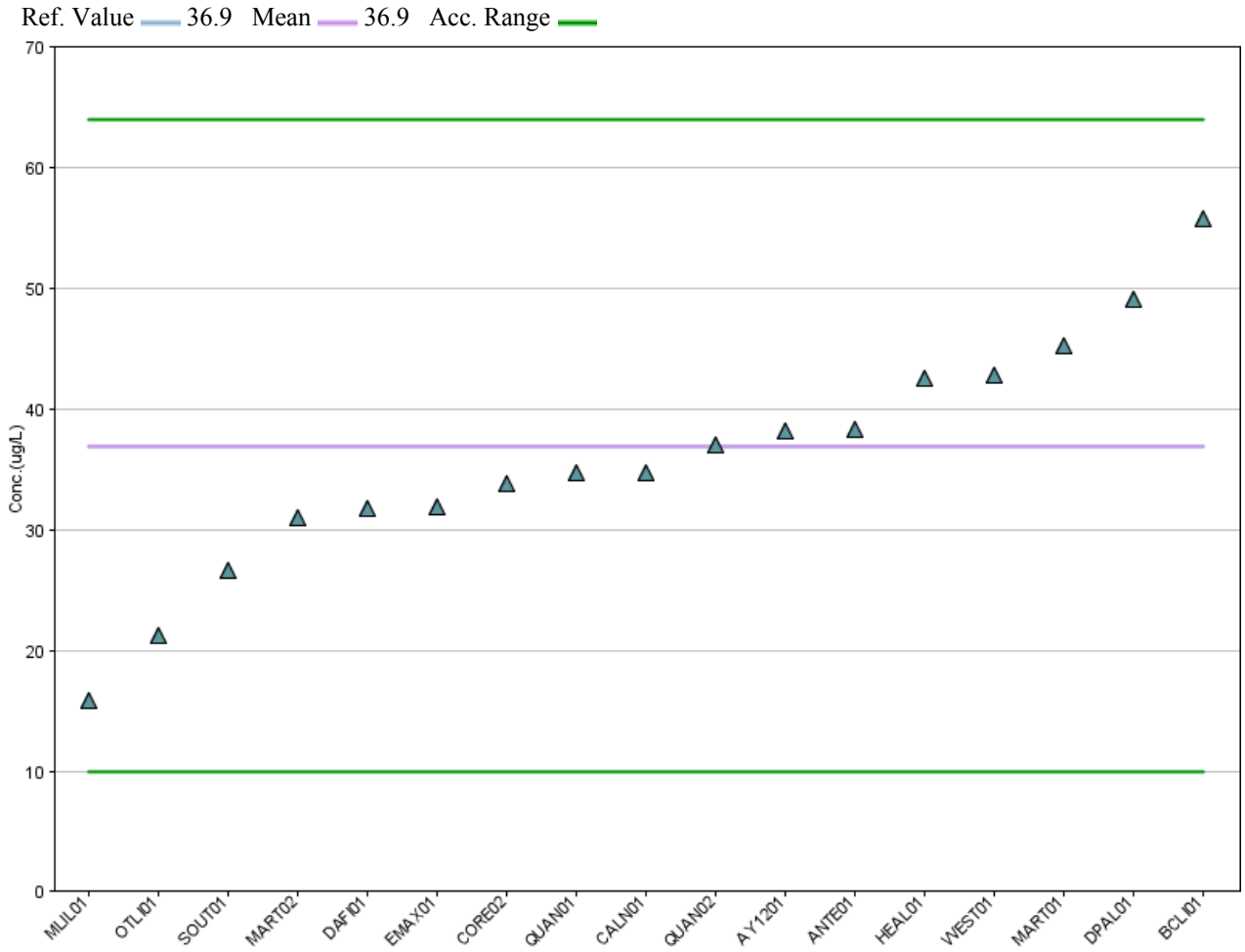
A = Result acceptable Z-score <=3.0
N = Result not acceptable Z-score > 3.0
W = Check reported result for error.
NR = Not Reported

Notes:

(1) = False Positive
(2) = False Negative
(10) = Check Isomer
(26) = Check for Error

1,2,4-Trichlorobenzene

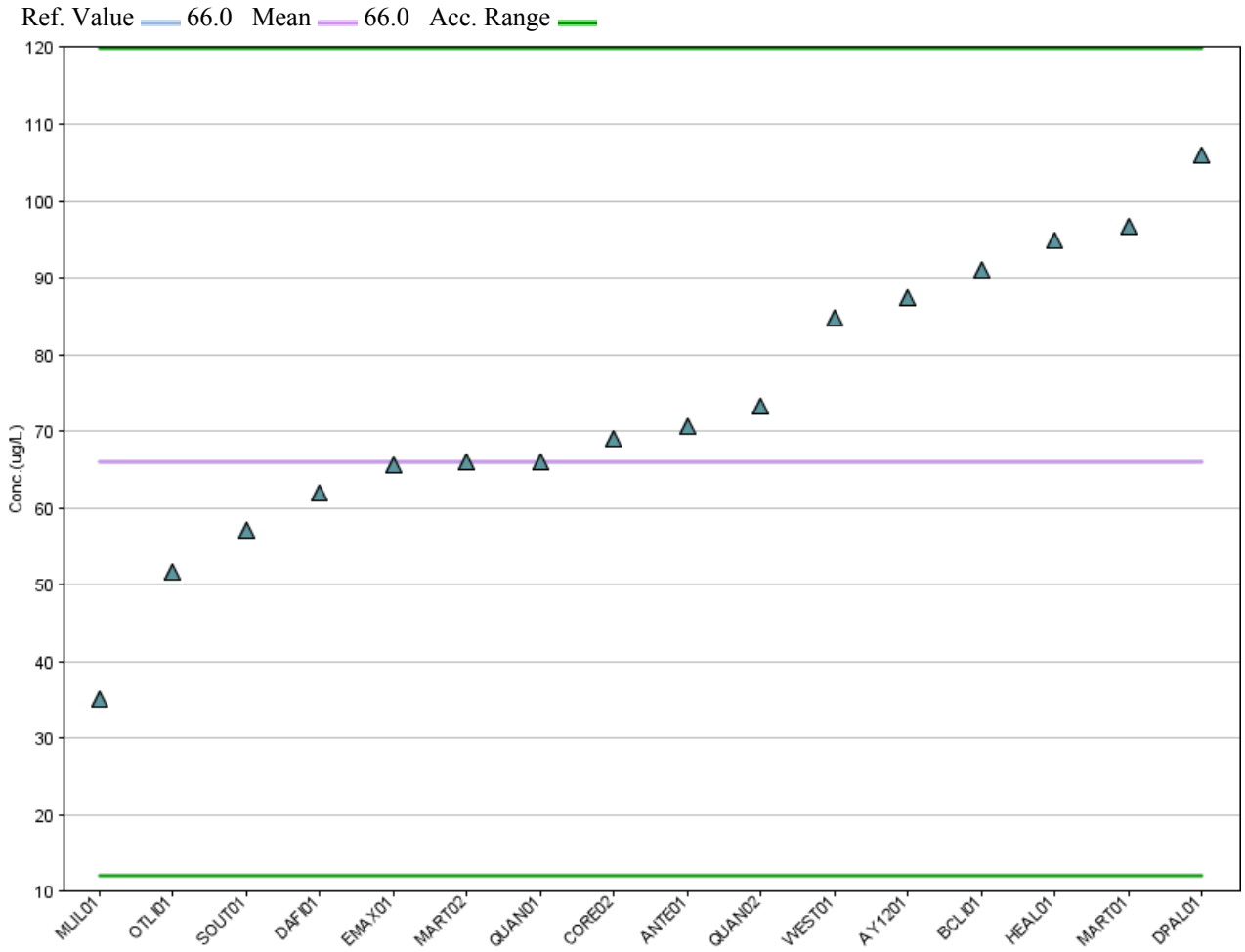
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 81.90 (±5 Standard Deviations)

1,2-Dichlorobenzene

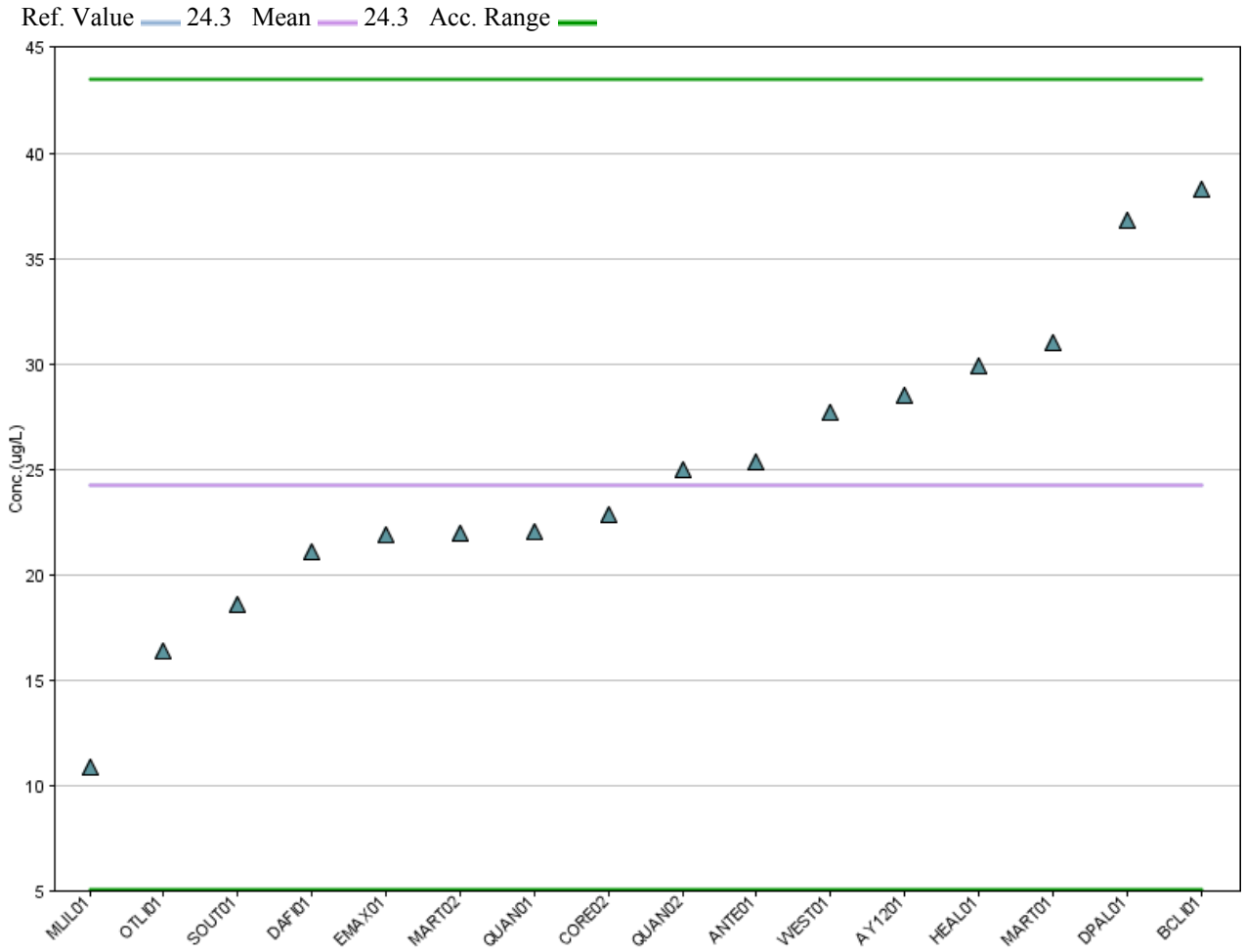
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 155.50 (±5 Standard Deviations)

1,3-Dichlorobenzene

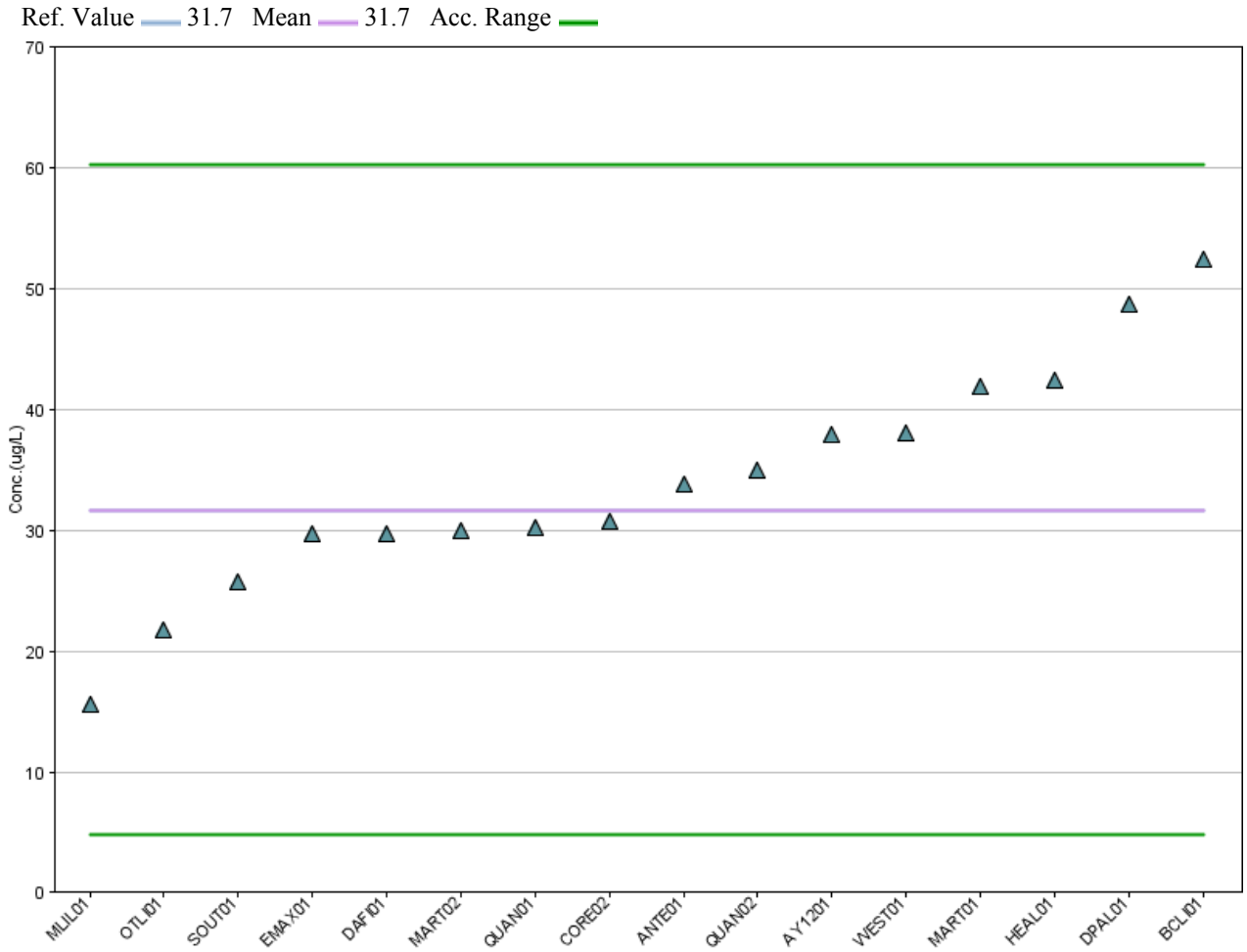
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 56.30 (±5 Standard Deviations)

1,4-Dichlorobenzene

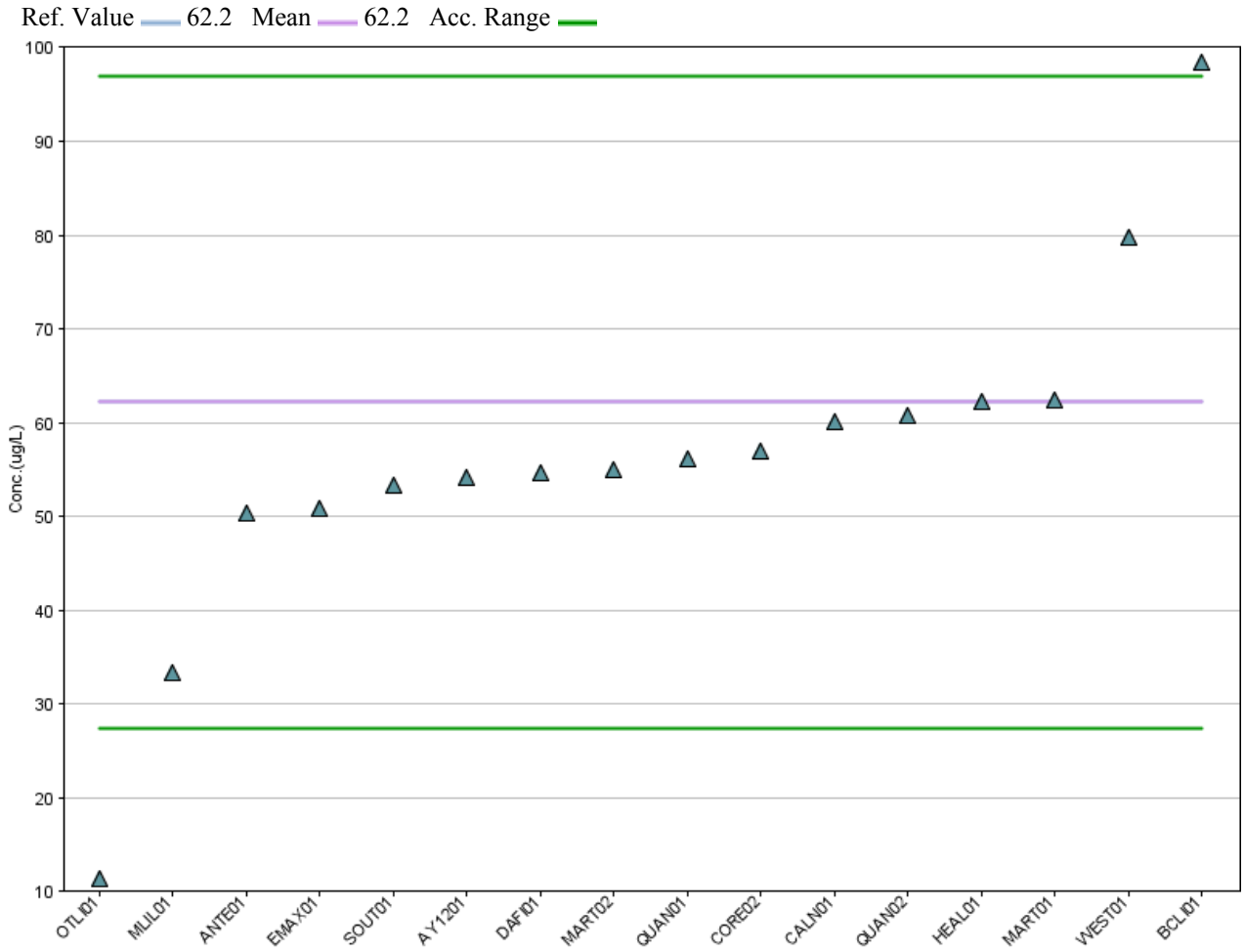
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 79.20 (±5 Standard Deviations)

2,4,5-Trichlorophenol

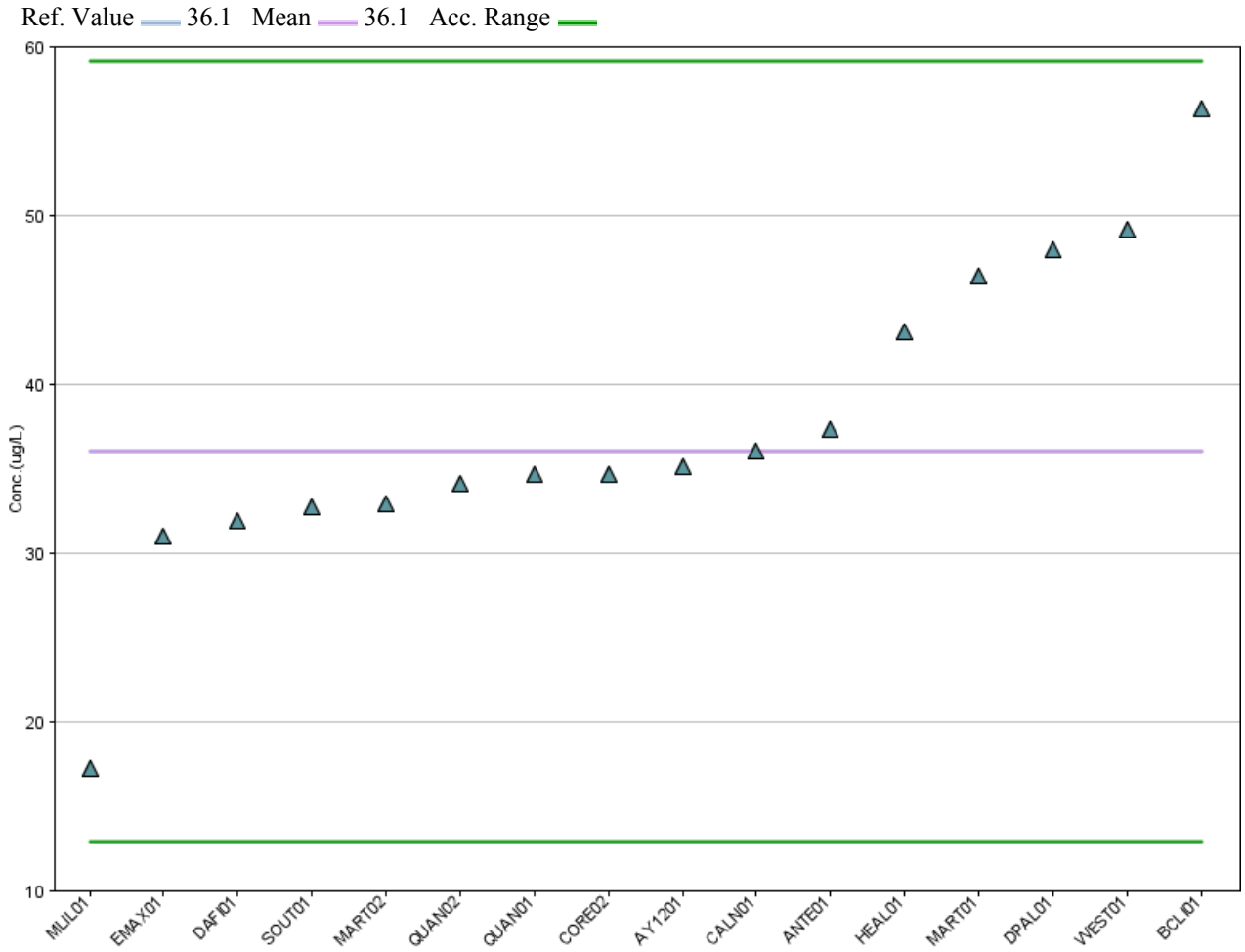
MAPEP-11-OrW25



Note: This chart shows only data points with values between 4.20 and 120.20 (±5 Standard Deviations)

2,4-Dichlorophenol

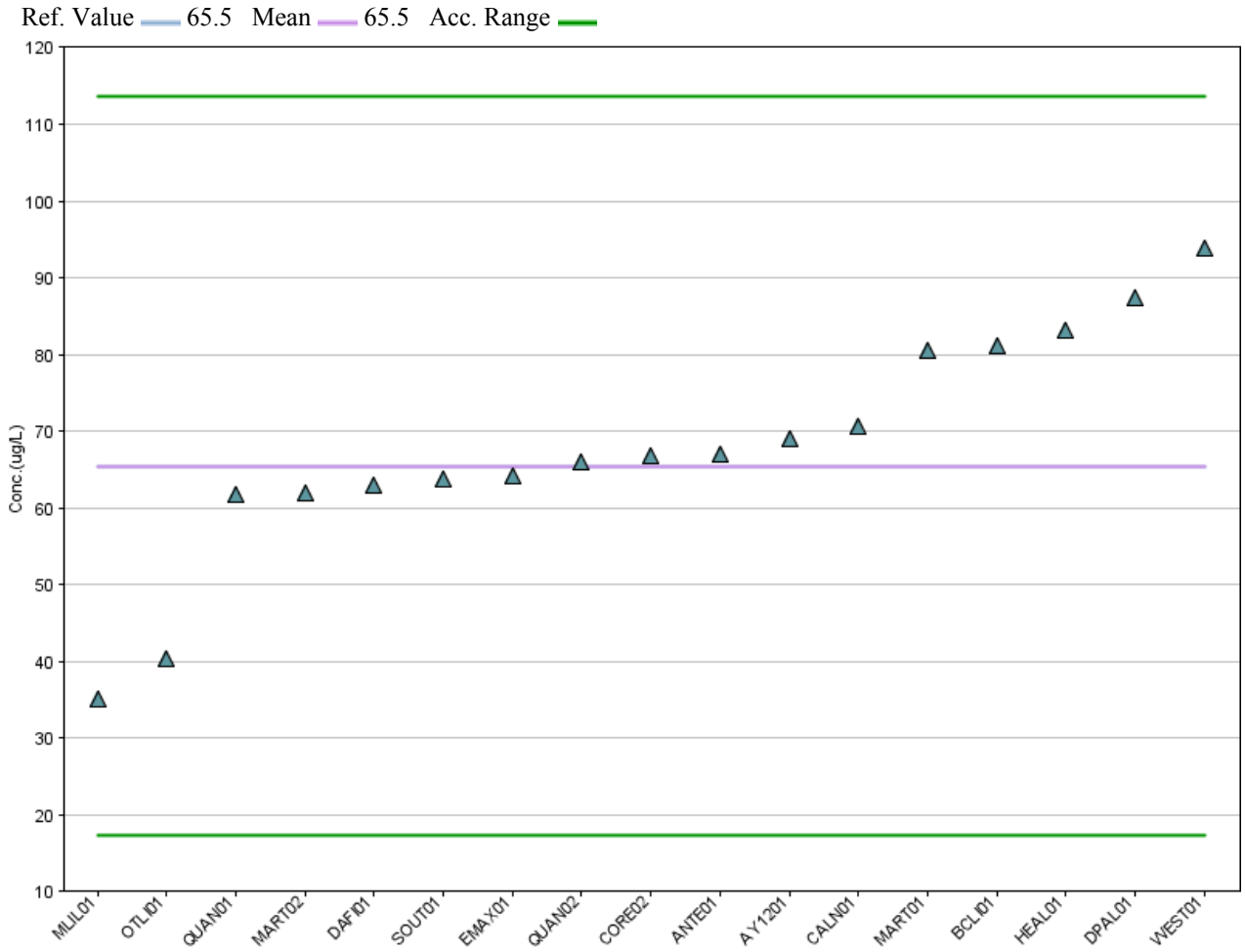
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 74.60 (±5 Standard Deviations)

2,4-Dimethylphenol

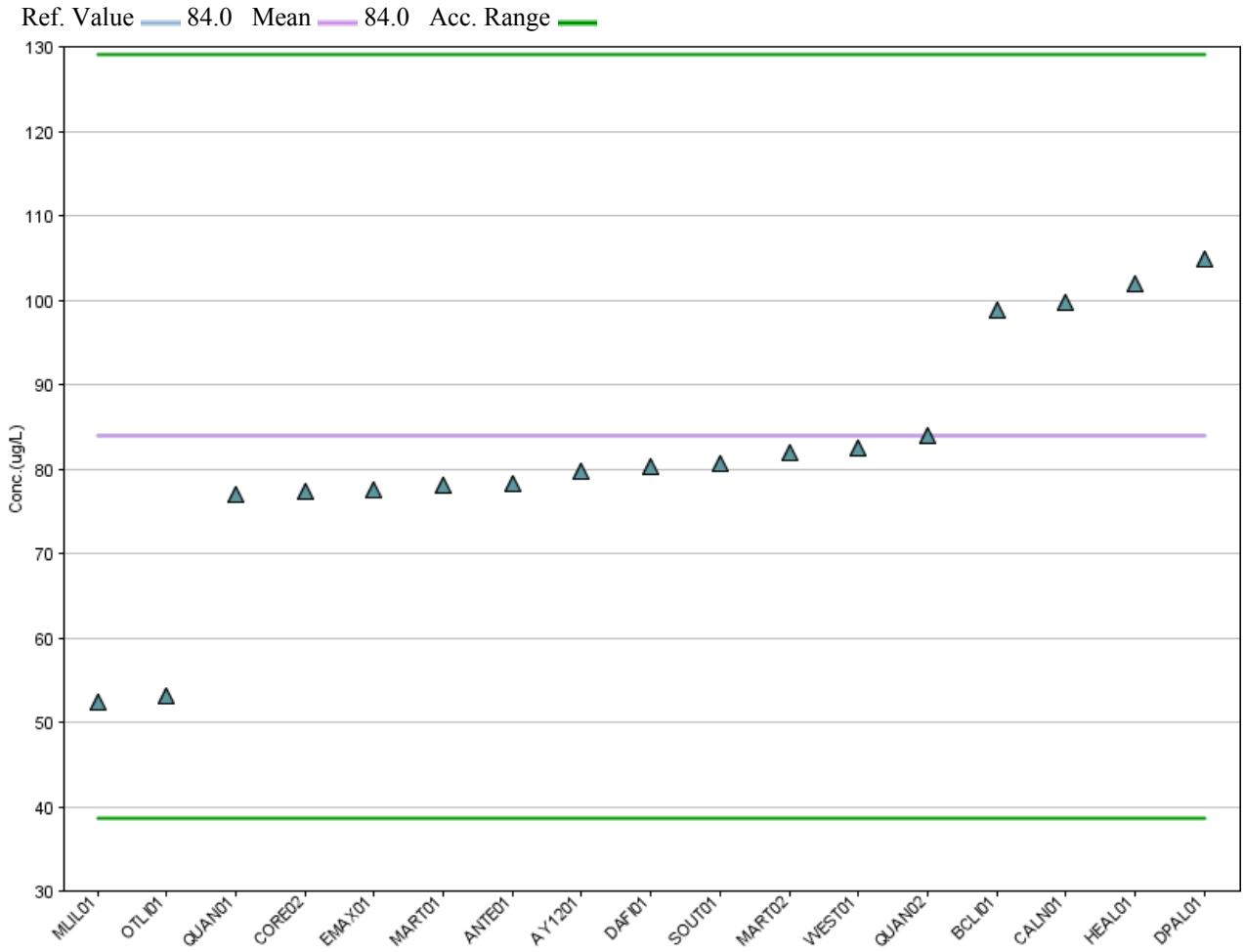
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 145.50 (±5 Standard Deviations)

2,4-Dinitrotoluene

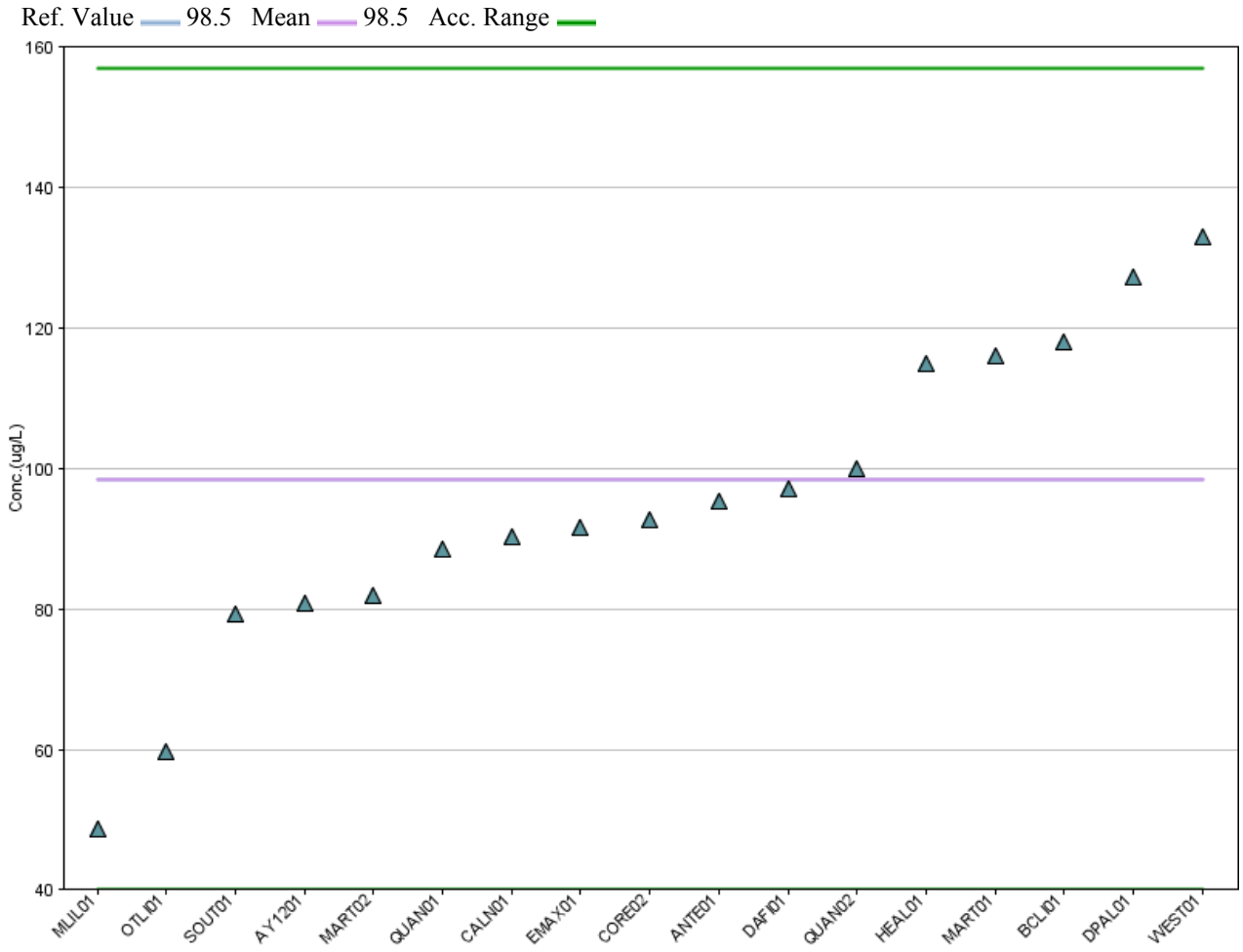
MAPEP-11-OrW25



Note: This chart shows only data points with values between 8.50 and 159.50 (±5 Standard Deviations)

2-Chloronaphthalene

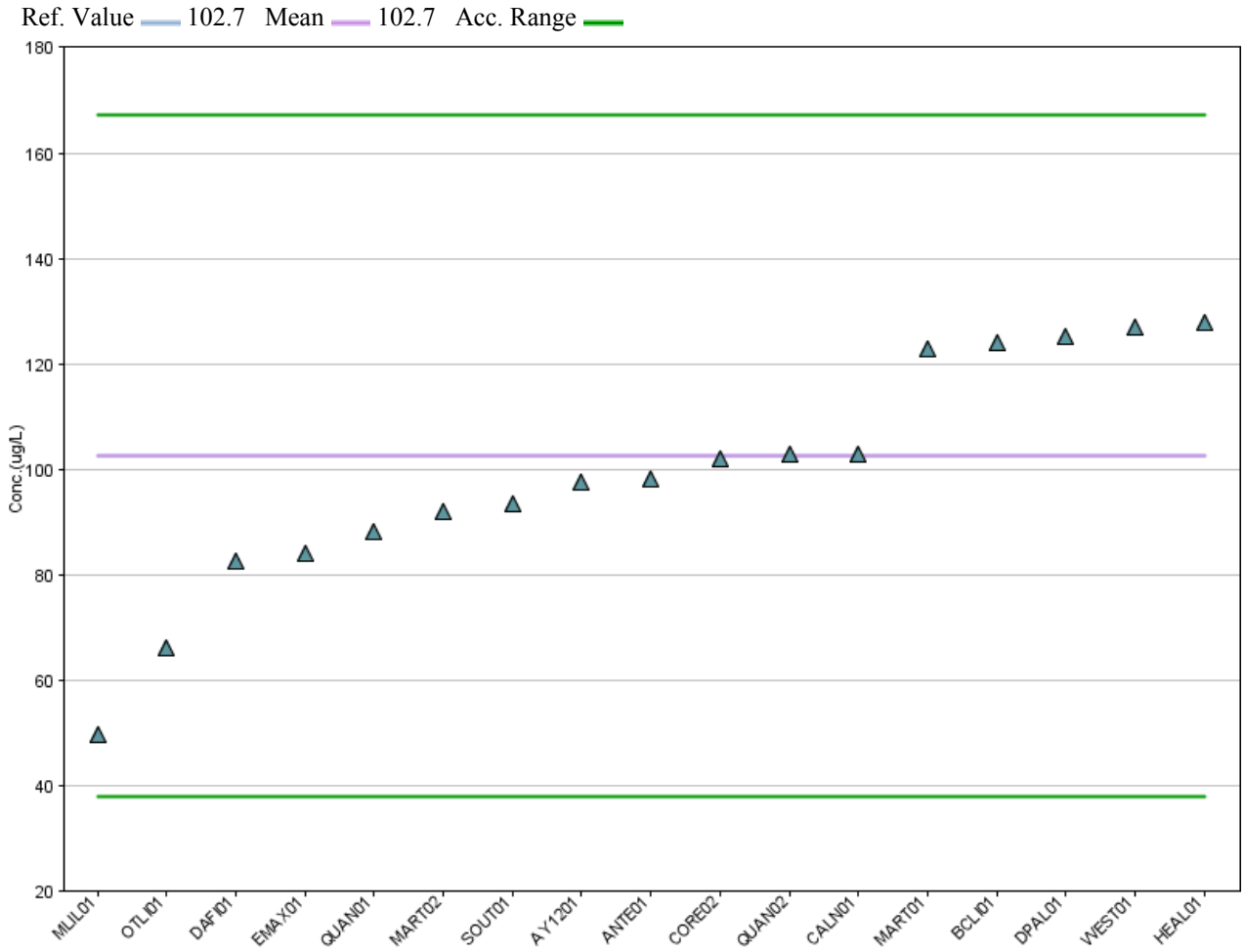
MAPEP-11-OrW25



Note: This chart shows only data points with values between 1.00 and 196.00 (±5 Standard Deviations)

2-Chlorophenol

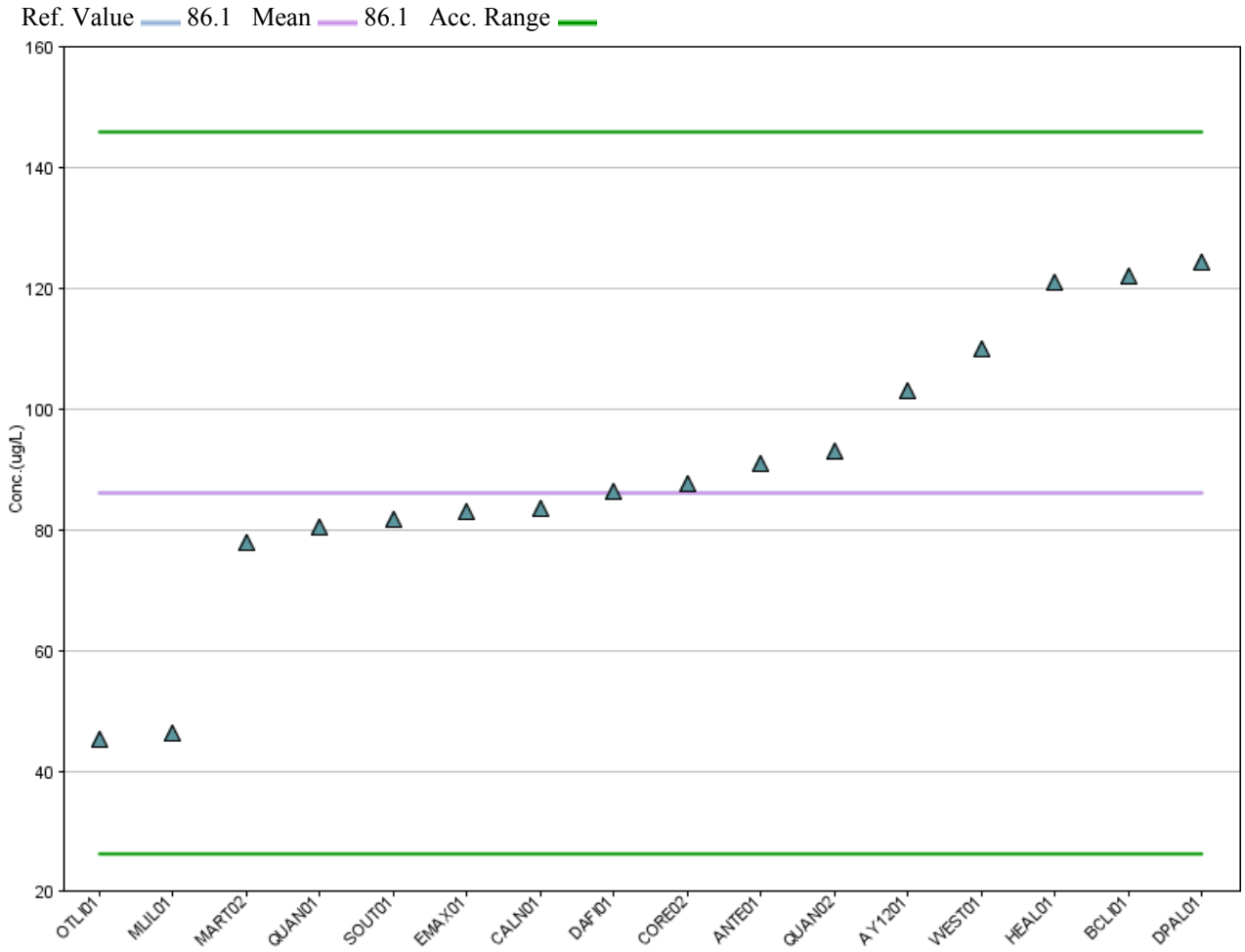
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 210.20 (±5 Standard Deviations)

2-Methylnaphthalene

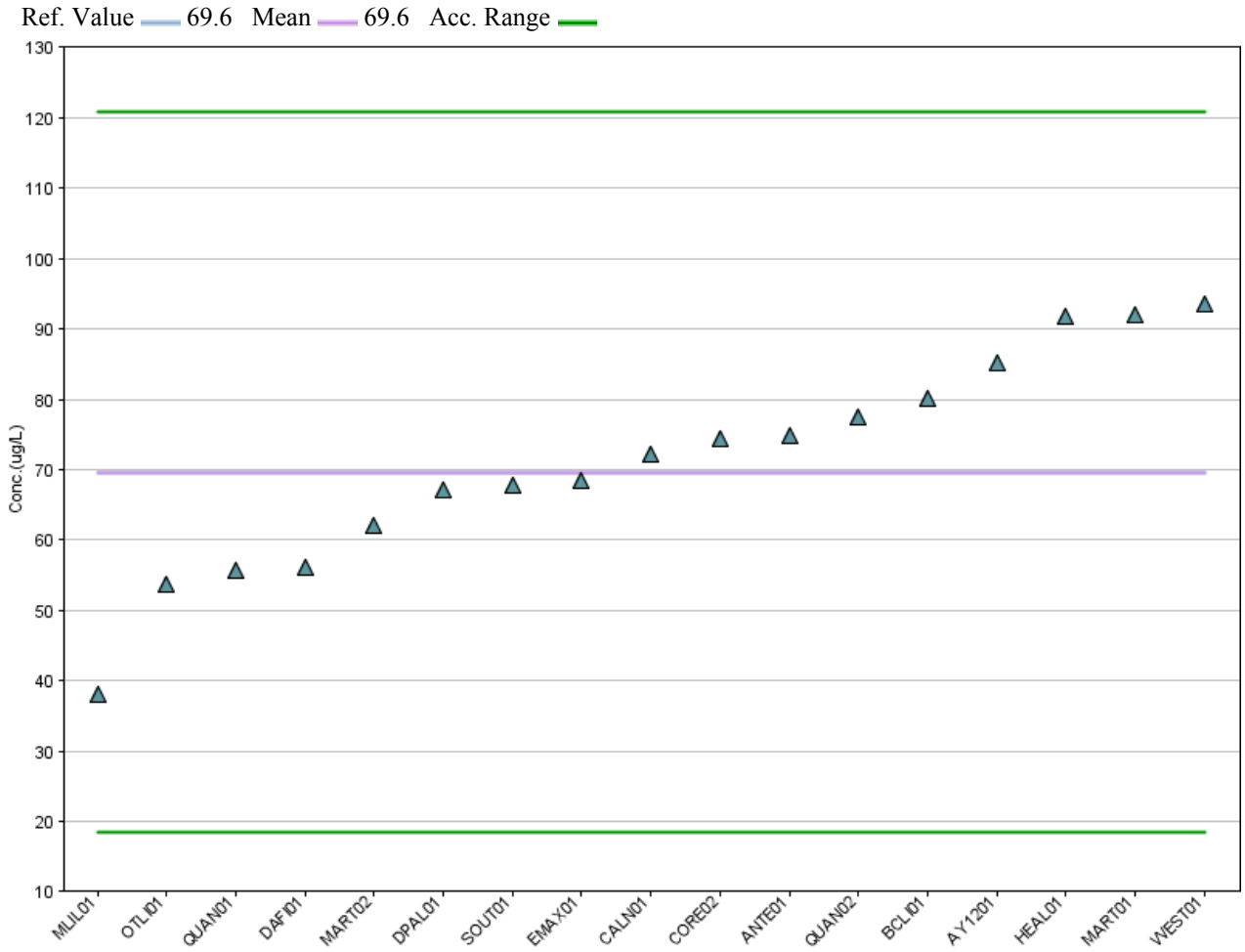
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 186.10 (±5 Standard Deviations)

2-Methylphenol

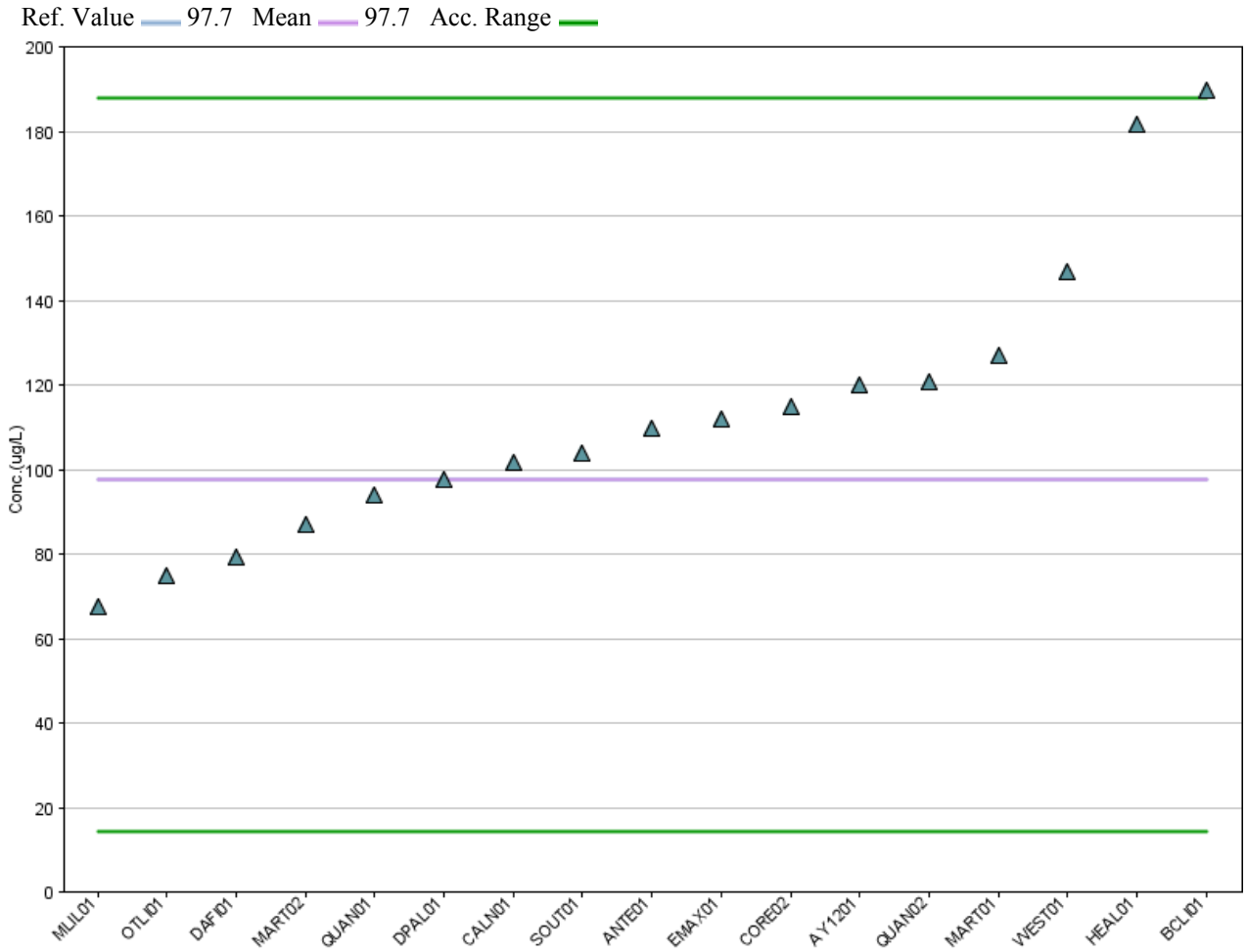
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 155.10 (±5 Standard Deviations)

3-Methyl & 4-Methylphenol

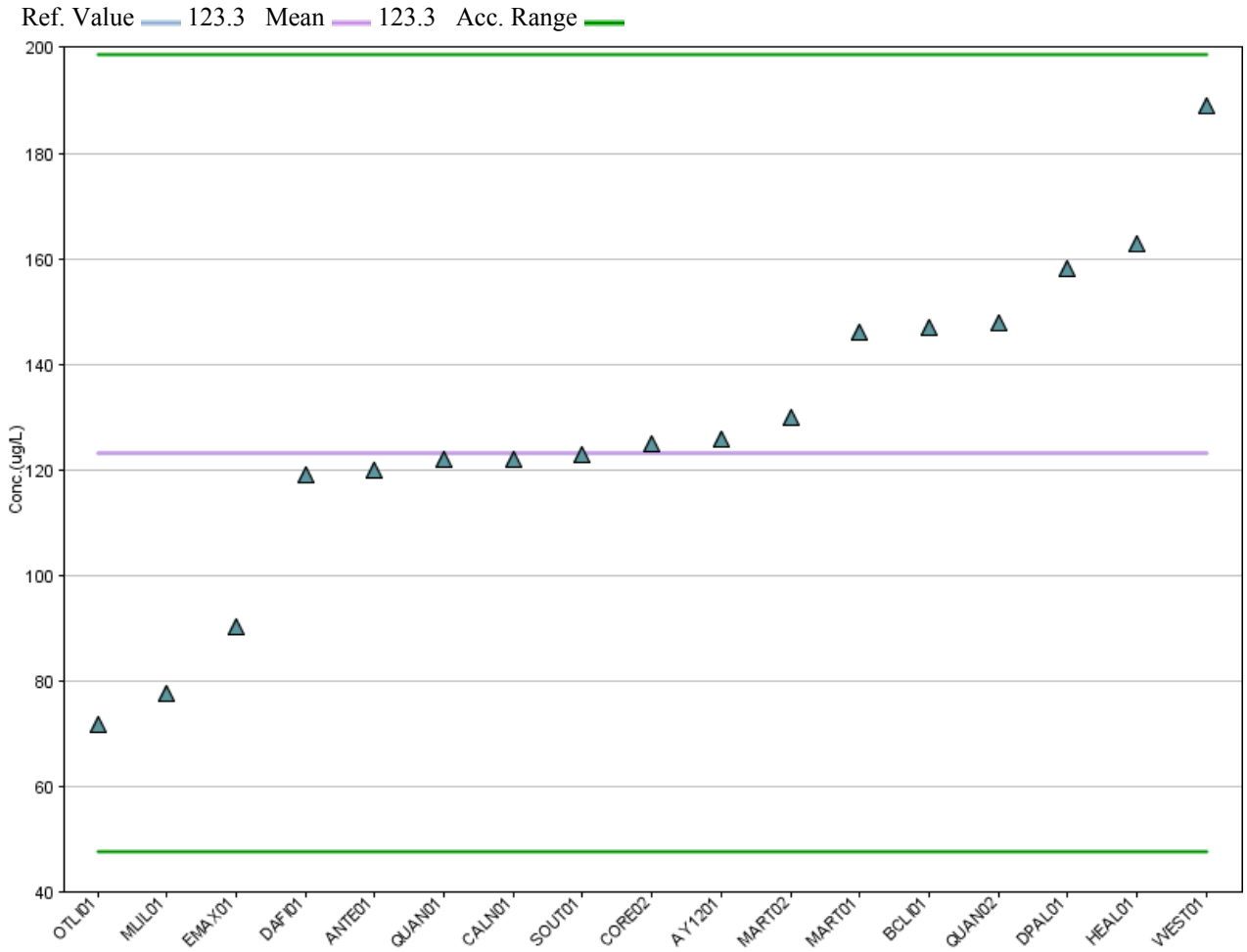
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 248.70 (±5 Standard Deviations)

4-Bromophenyl-phenylether

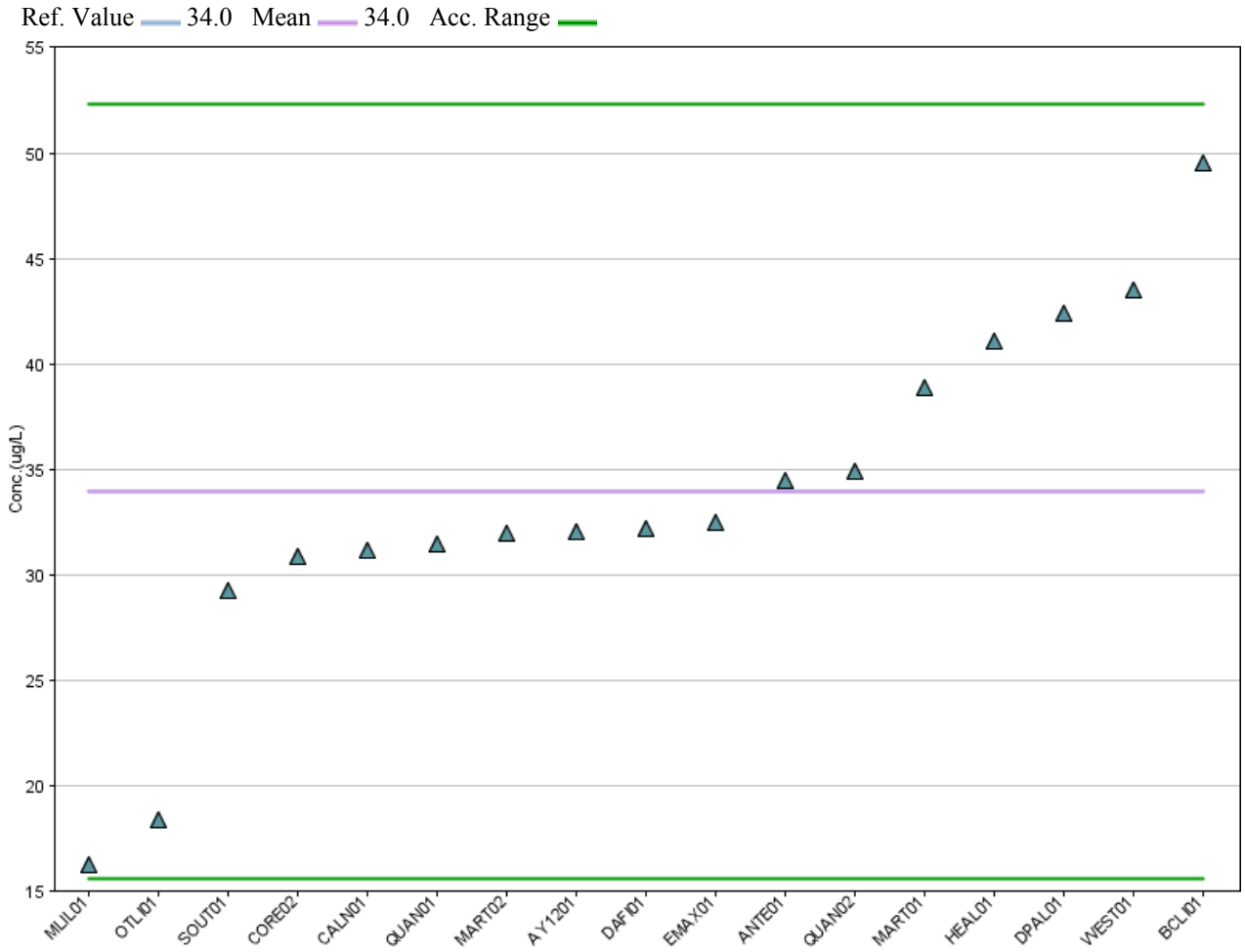
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 249.30 (±5 Standard Deviations)

4-Chlorophenyl-phenylether

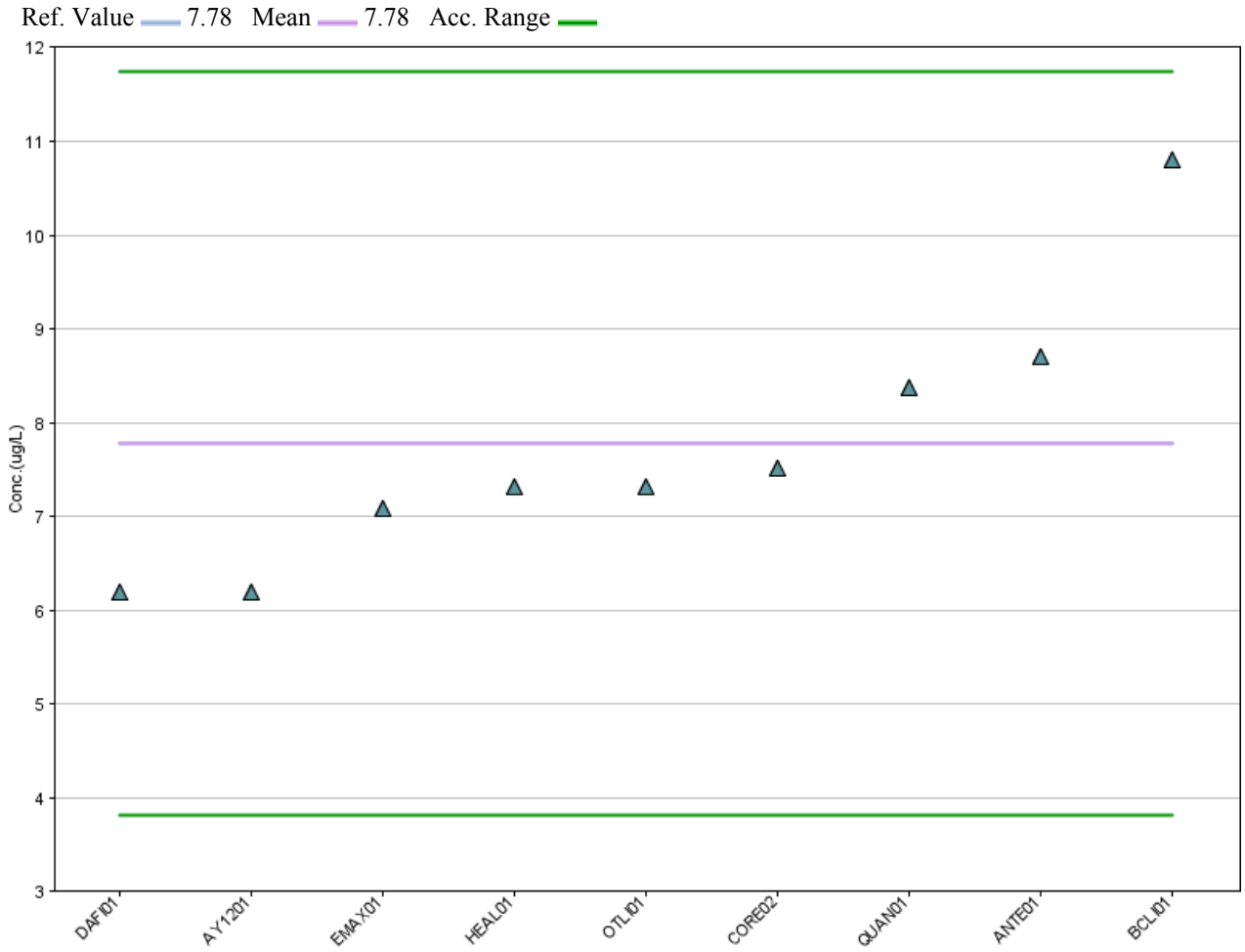
MAPEP-11-OrW25



Note: This chart shows only data points with values between 3.50 and 64.50 (±5 Standard Deviations)

alpha-BHC

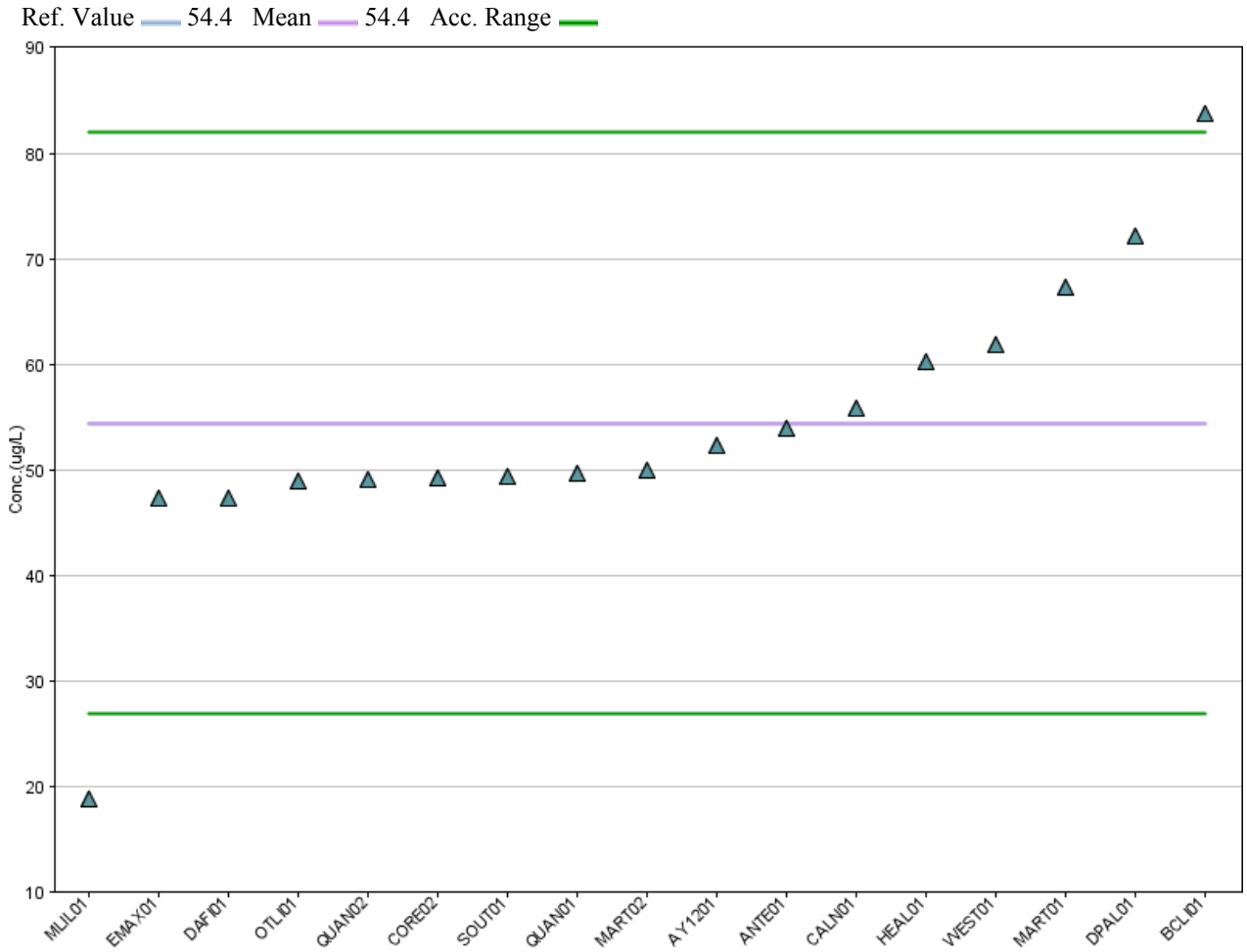
MAPEP-11-OrW25



Note: This chart shows only data points with values between 1.18 and 14.38 (±5 Standard Deviations)

bis(2-chloroethoxy)methane

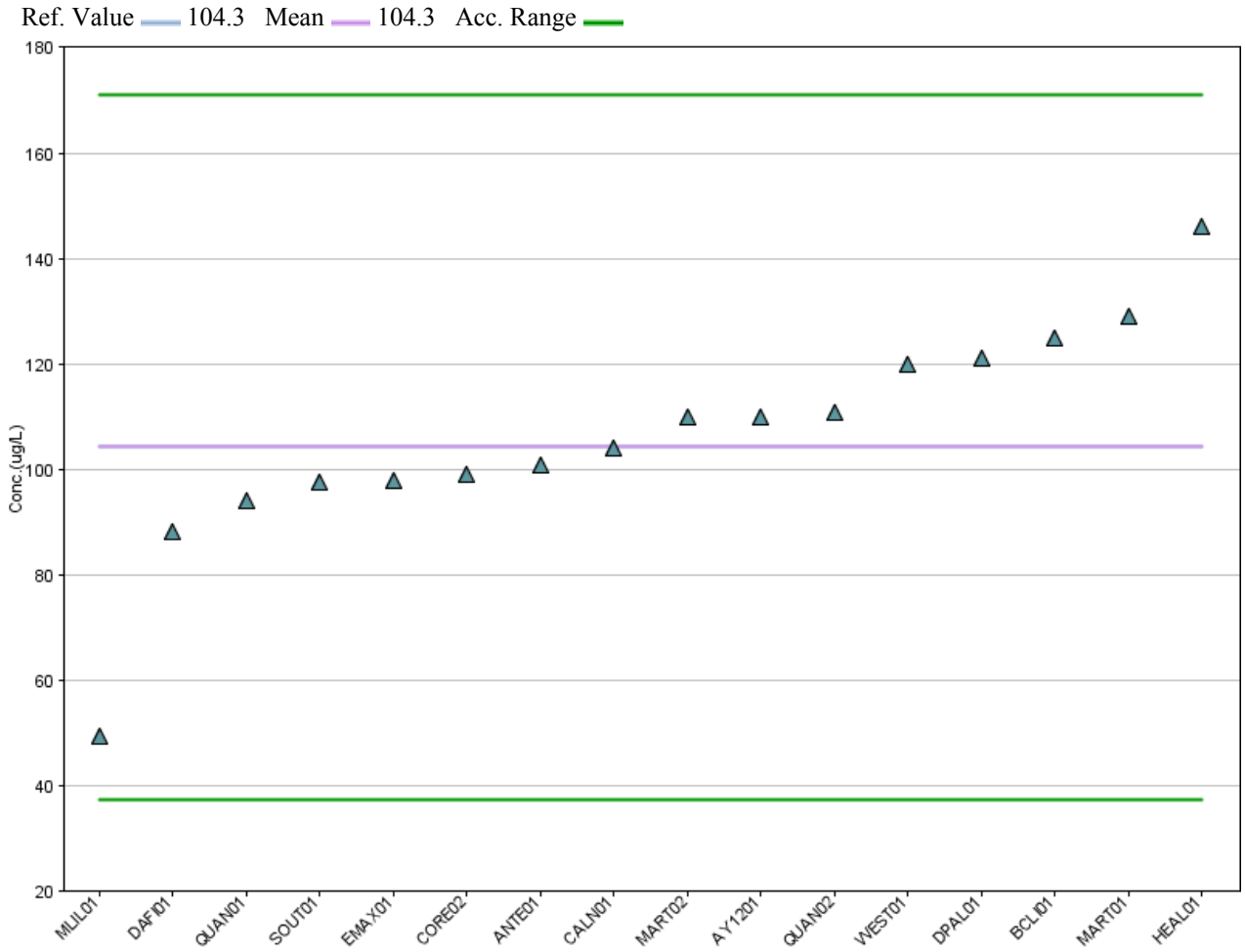
MAPEP-11-OrW25



Note: This chart shows only data points with values between 8.40 and 100.40 (±5 Standard Deviations)

bis(2-chloroethyl)ether

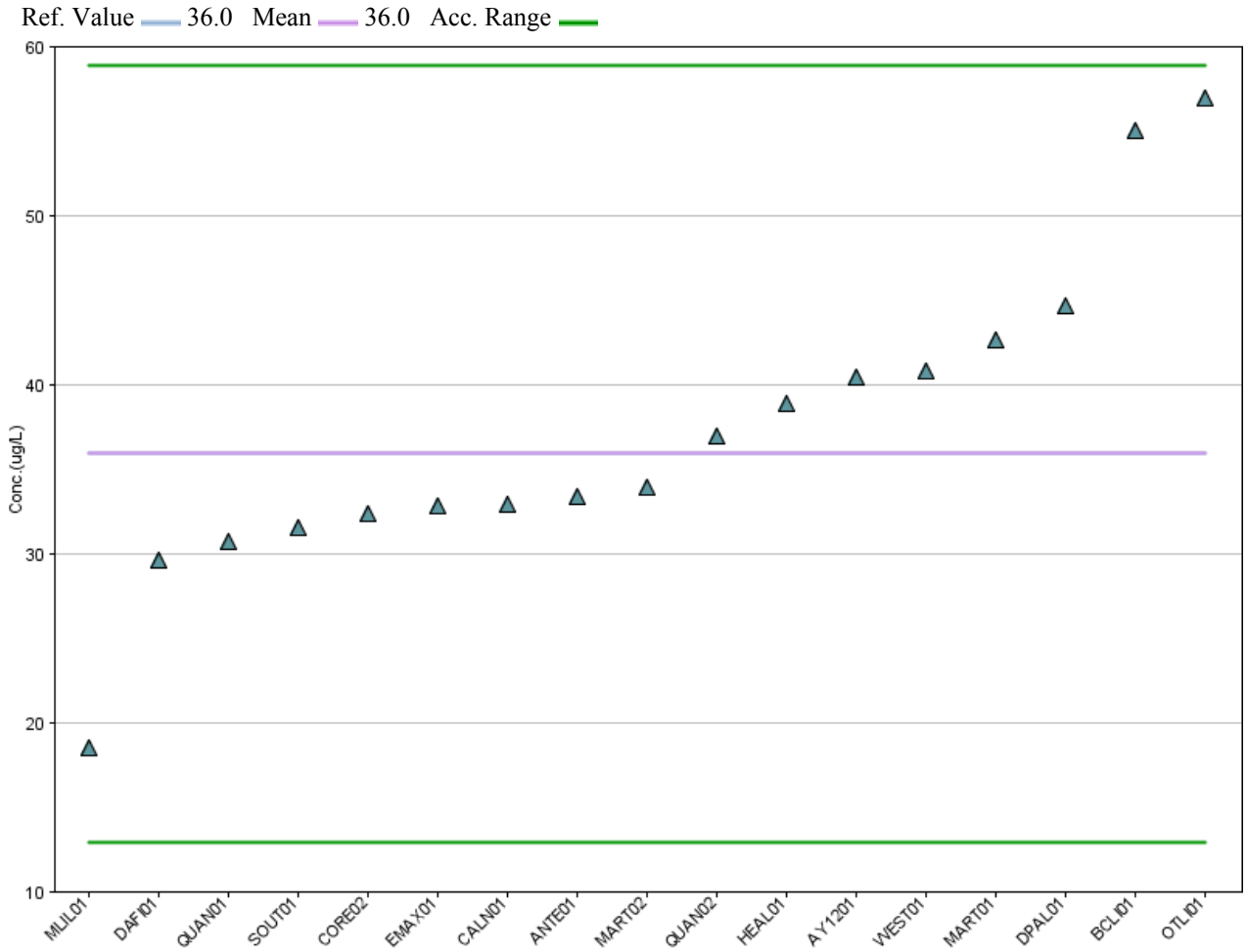
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 215.30 (±5 Standard Deviations)

bis(2-chloroisopropyl)ether

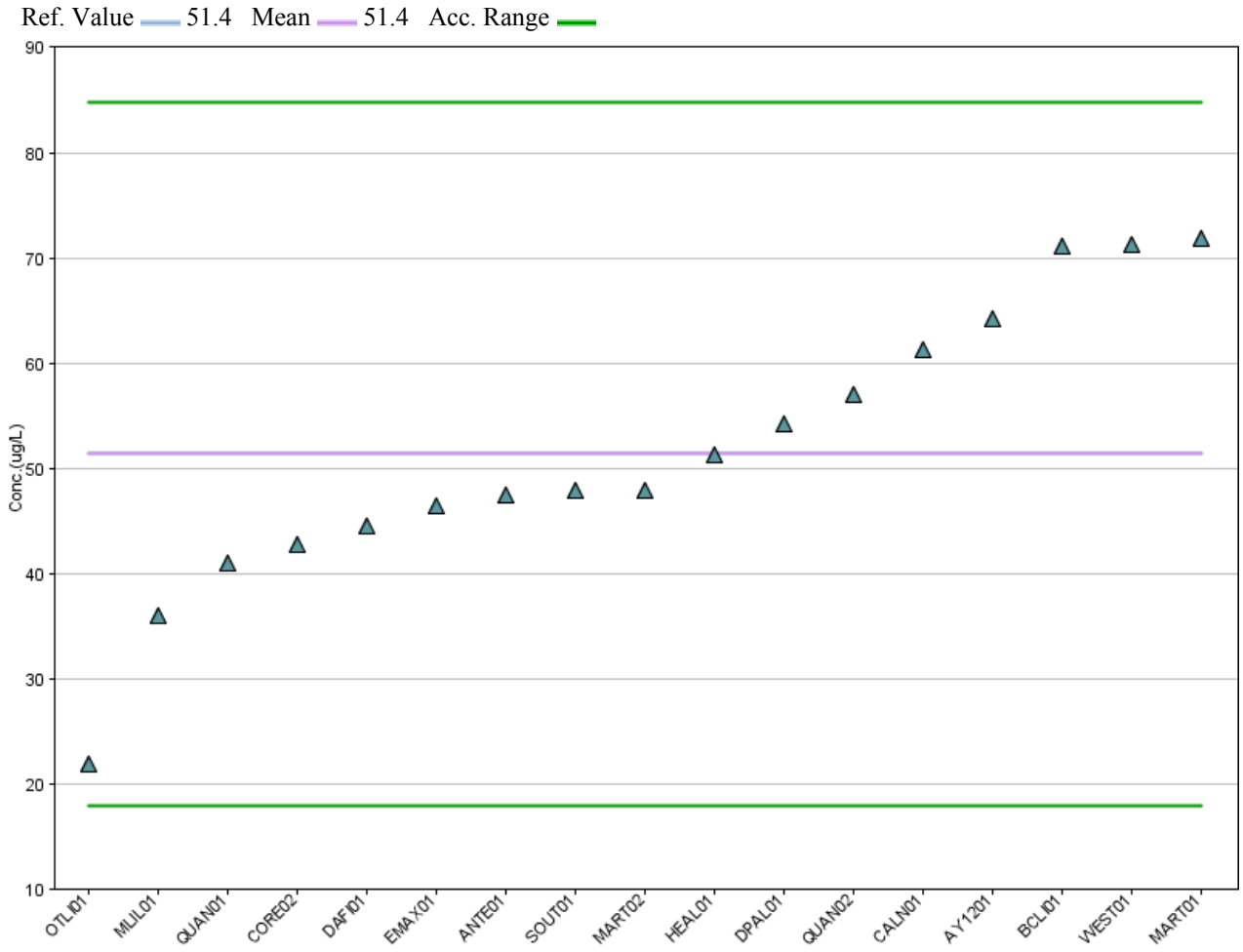
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 74.00 (±5 Standard Deviations)

Bis(2-ethylhexyl)phthalate

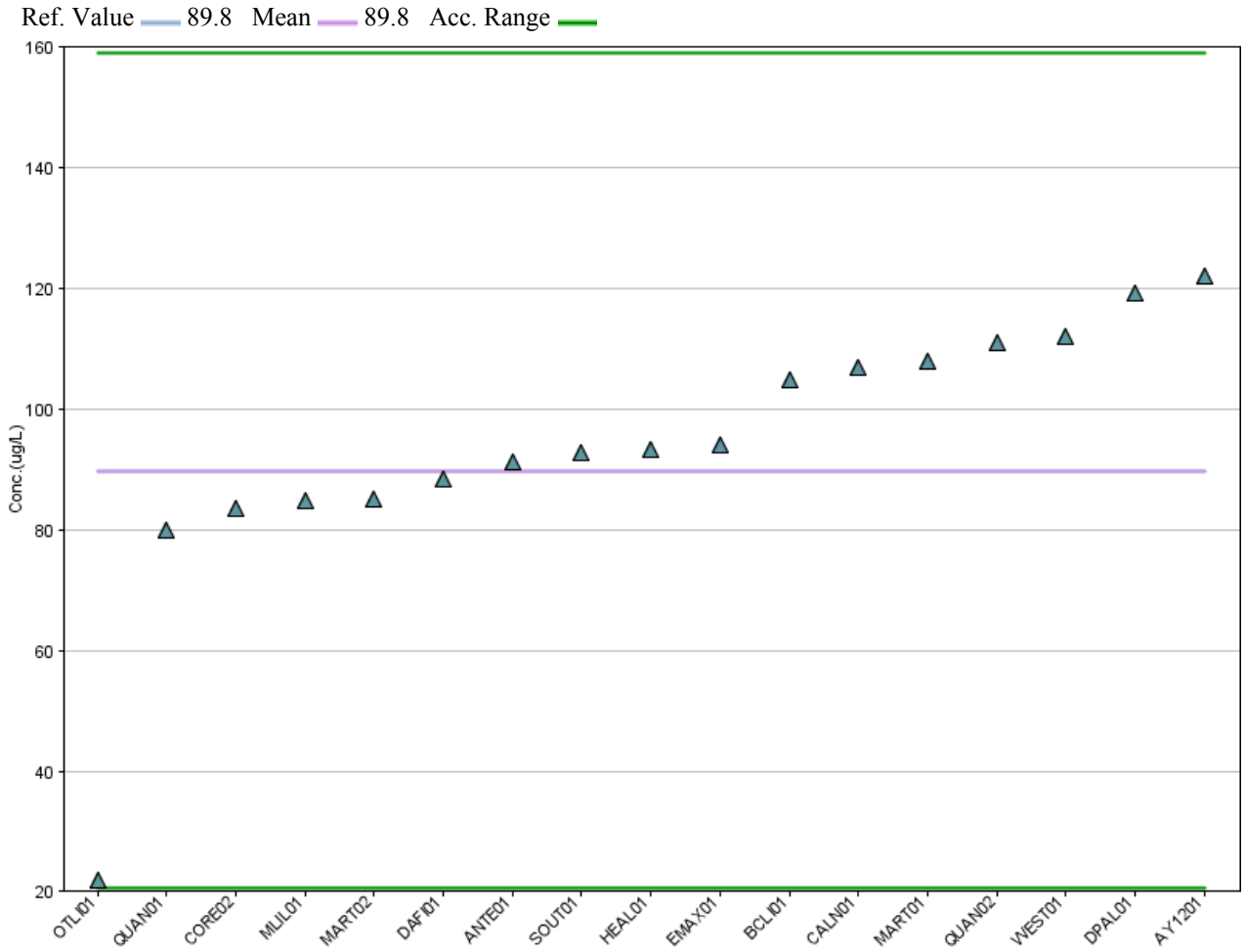
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 106.90 (±5 Standard Deviations)

Butylbenzylphthalate

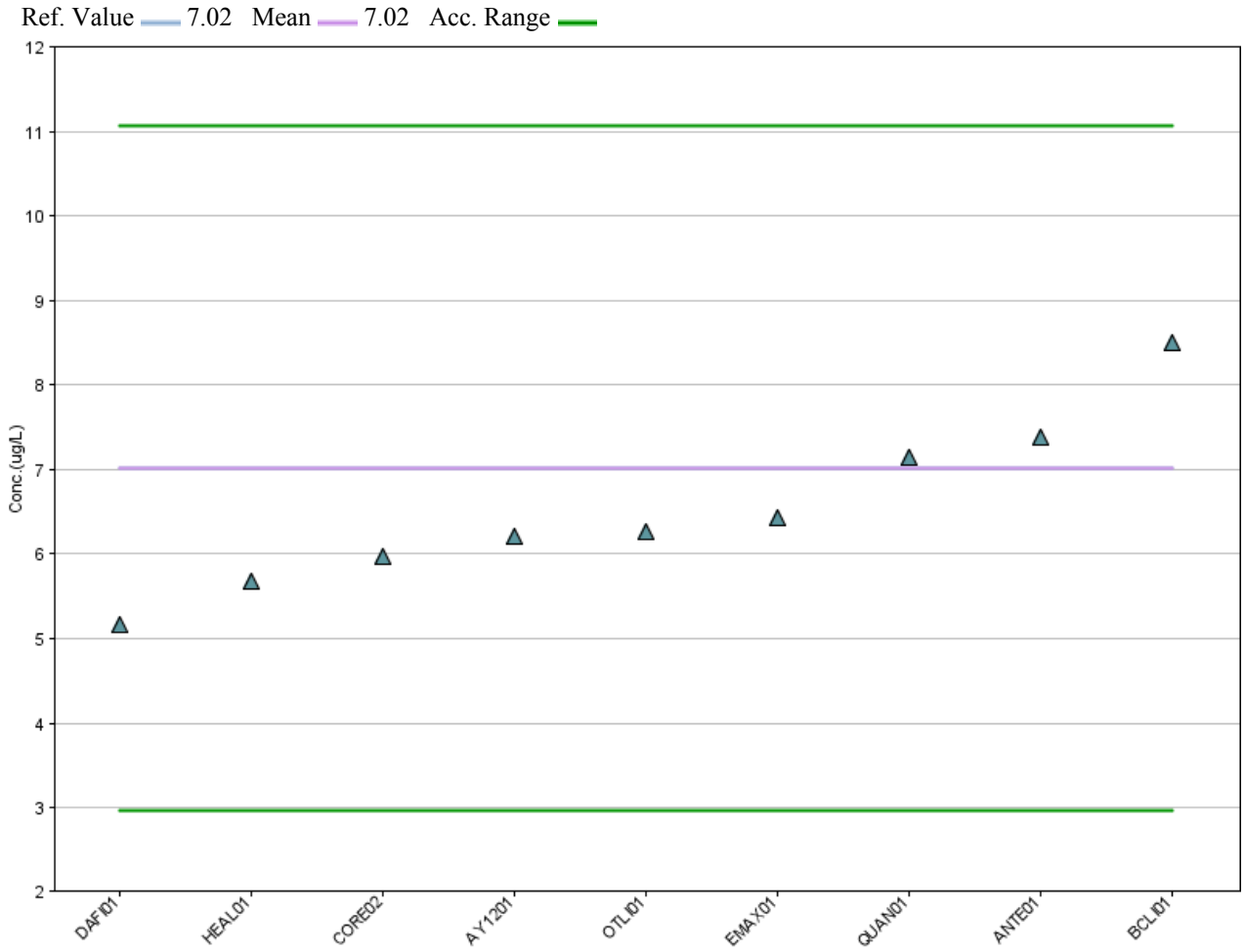
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 205.30 (±5 Standard Deviations)

delta-BHC

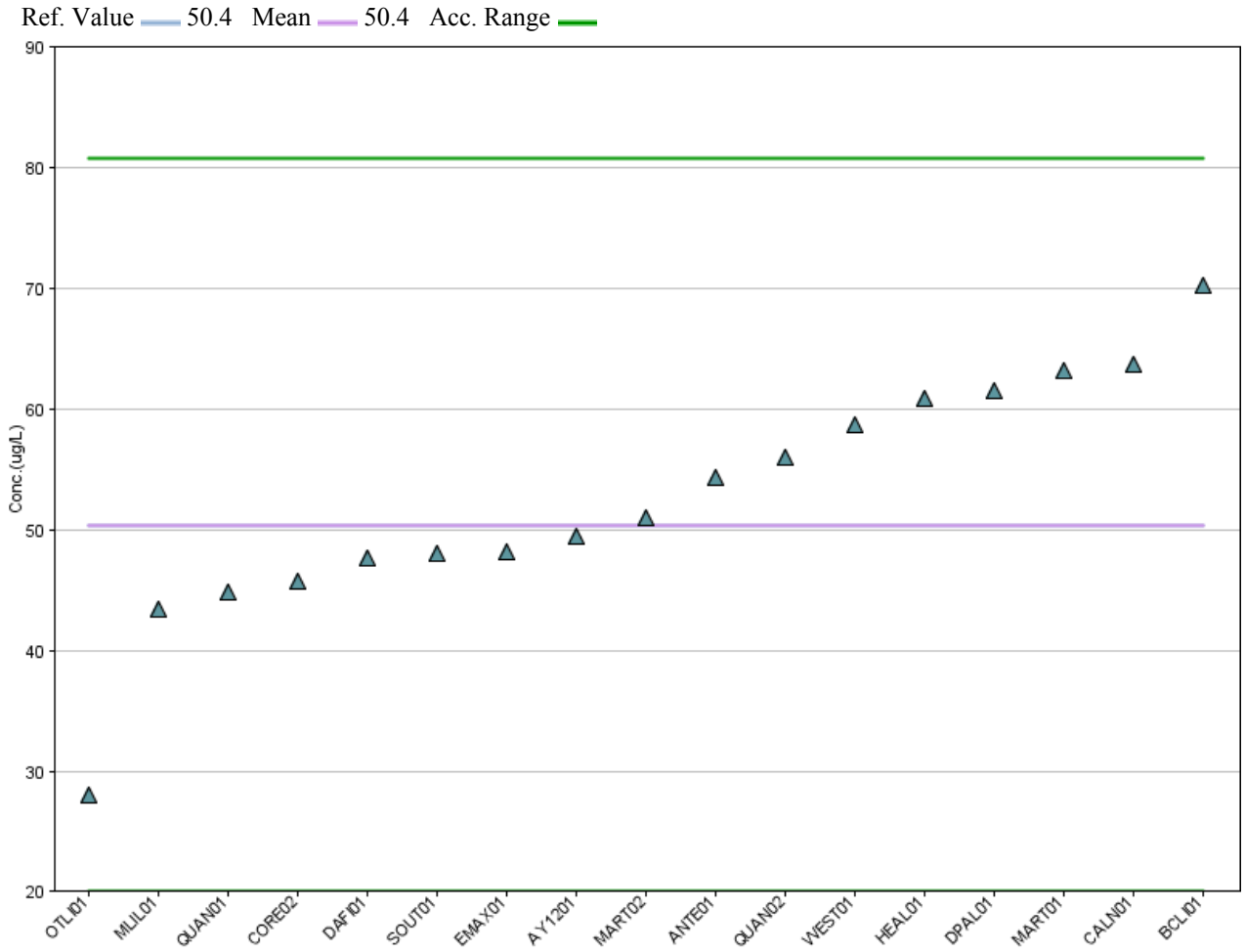
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.27 and 13.77 (±5 Standard Deviations)

Di-n-butylphthalate

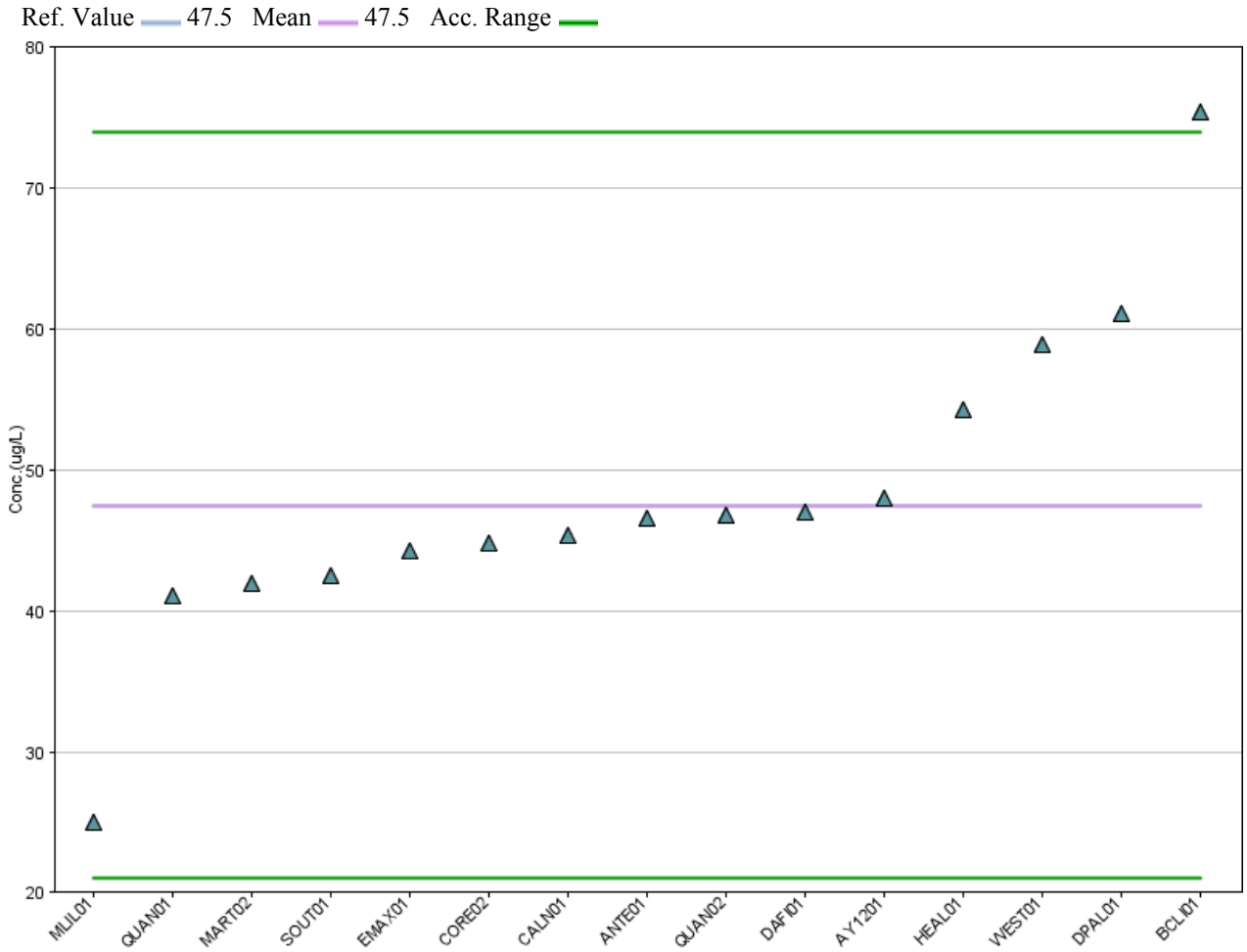
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 100.90 (±5 Standard Deviations)

Dibenzofuran

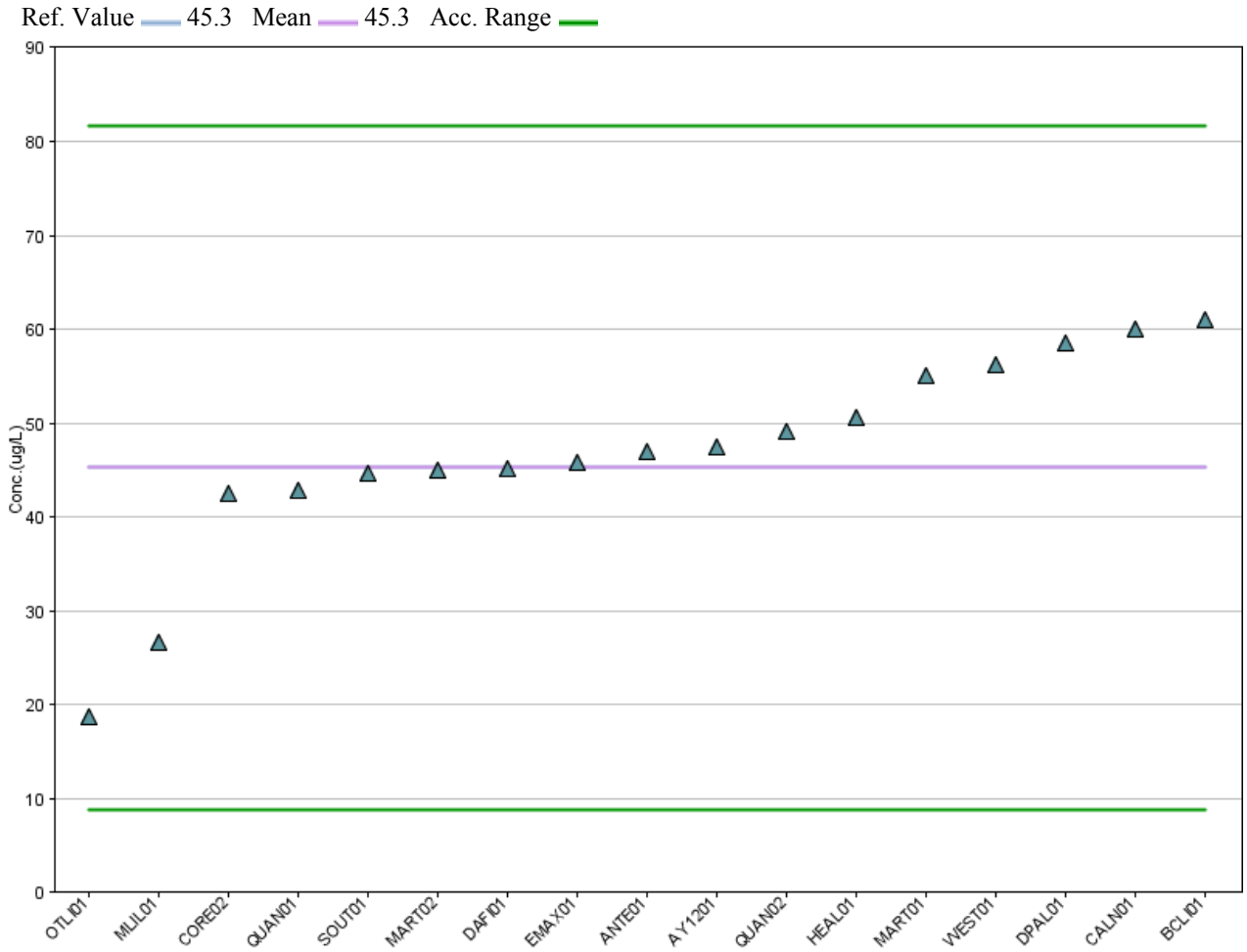
MAPEP-11-OrW25



Note: This chart shows only data points with values between 3.50 and 91.50 (±5 Standard Deviations)

Diethylphthalate

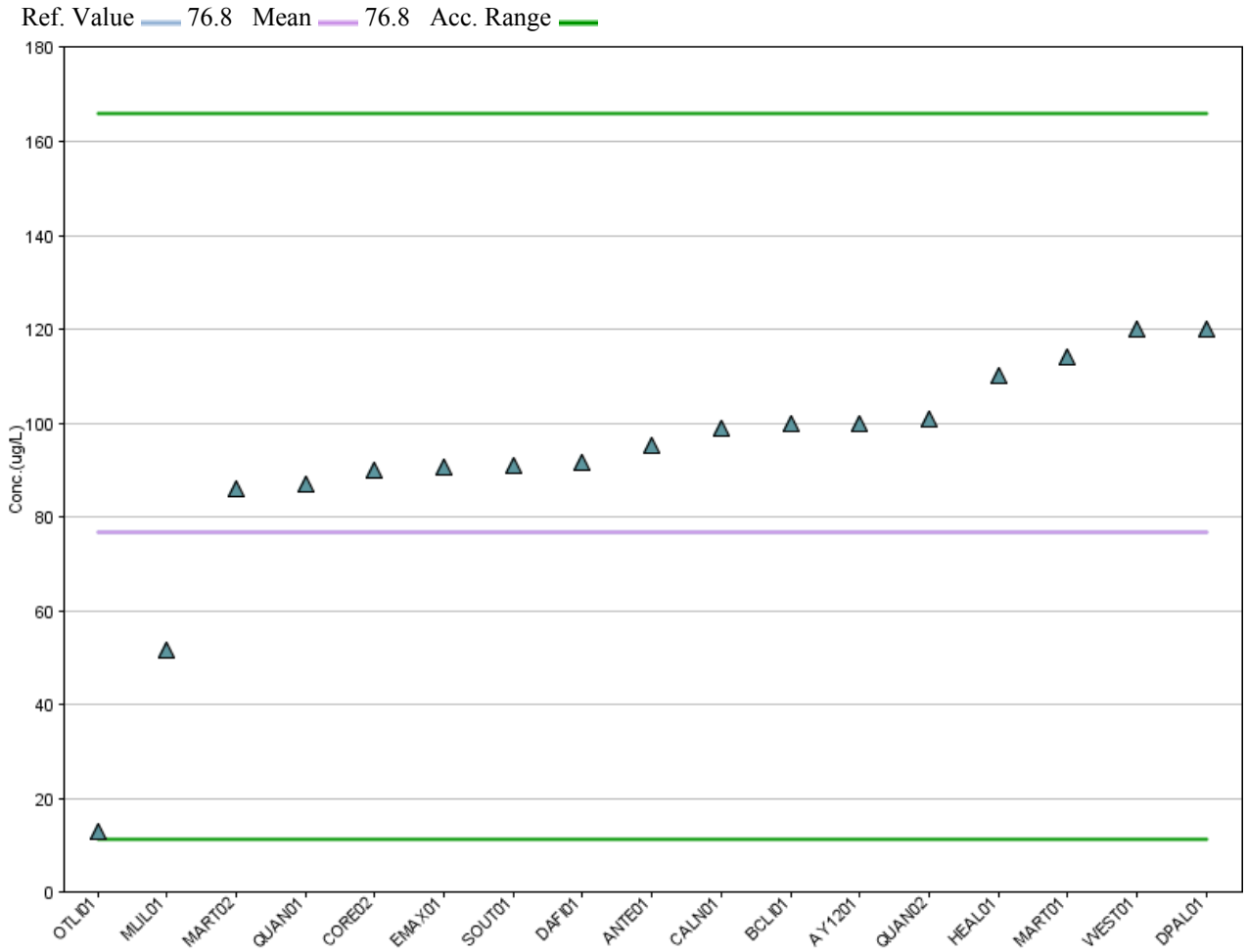
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 105.80 (±5 Standard Deviations)

Dimethylphthalate

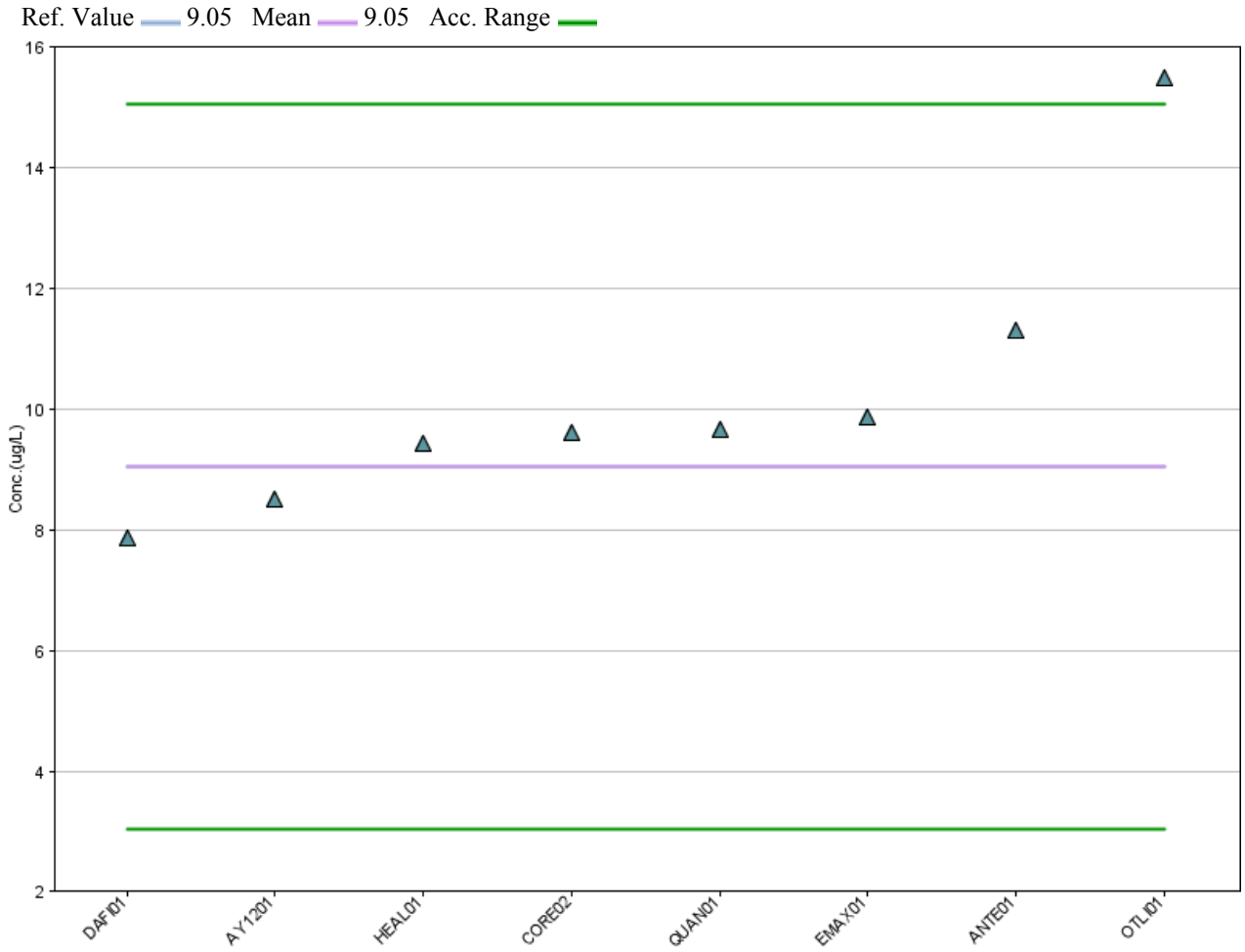
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 225.30 (±5 Standard Deviations)

Endosulfan I

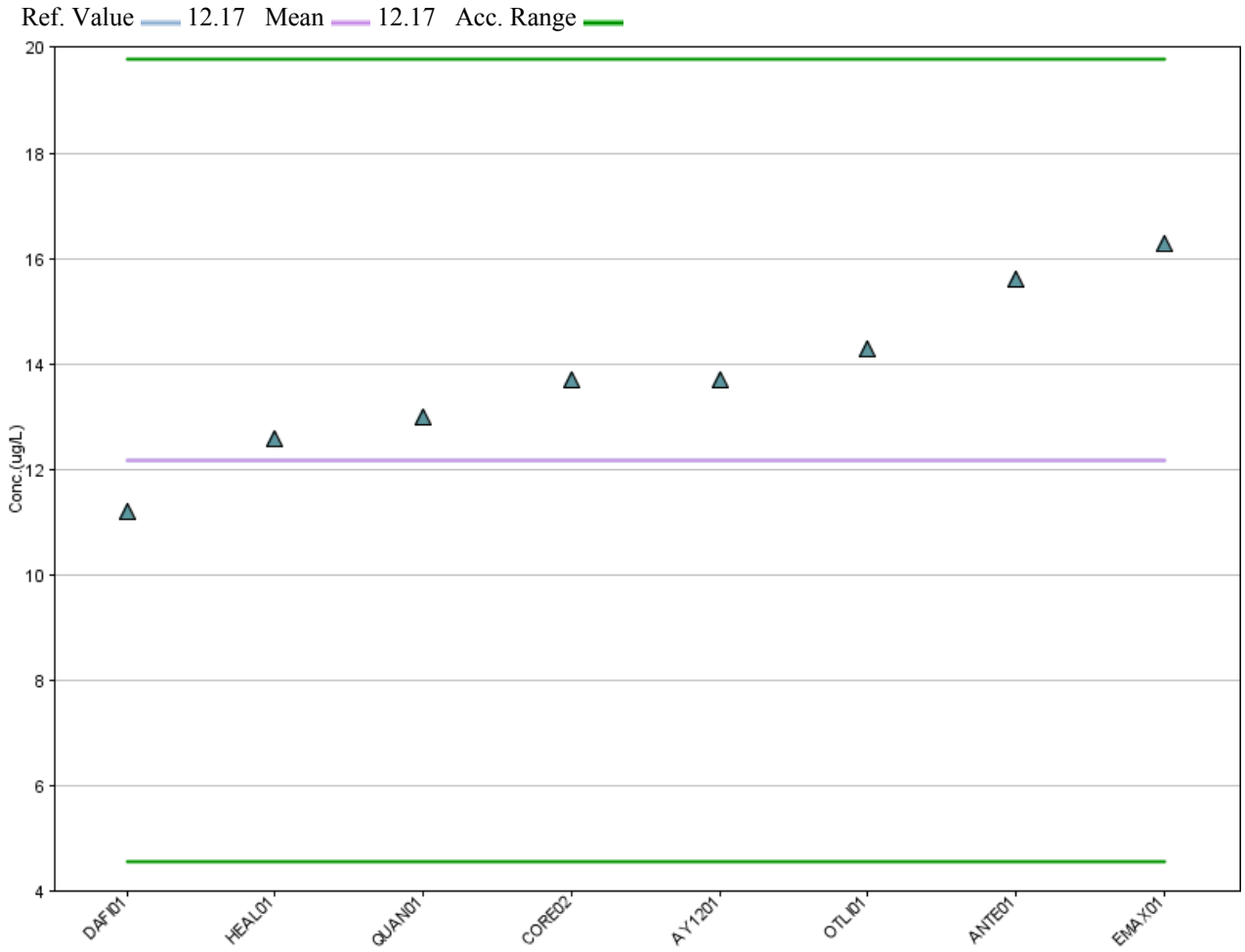
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 19.05 (±5 Standard Deviations)

Endosulfan II

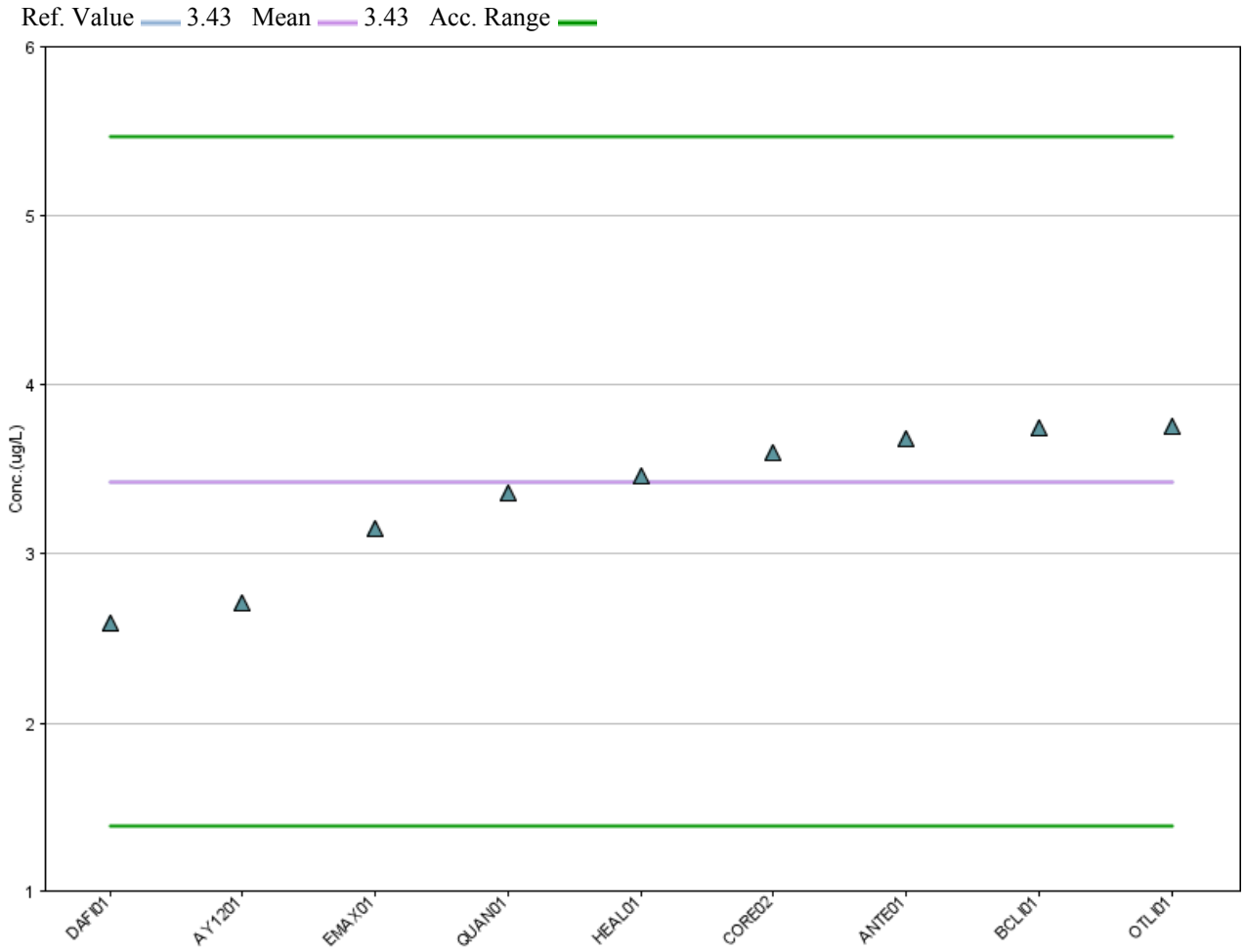
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 24.87 (±5 Standard Deviations)

Endrin

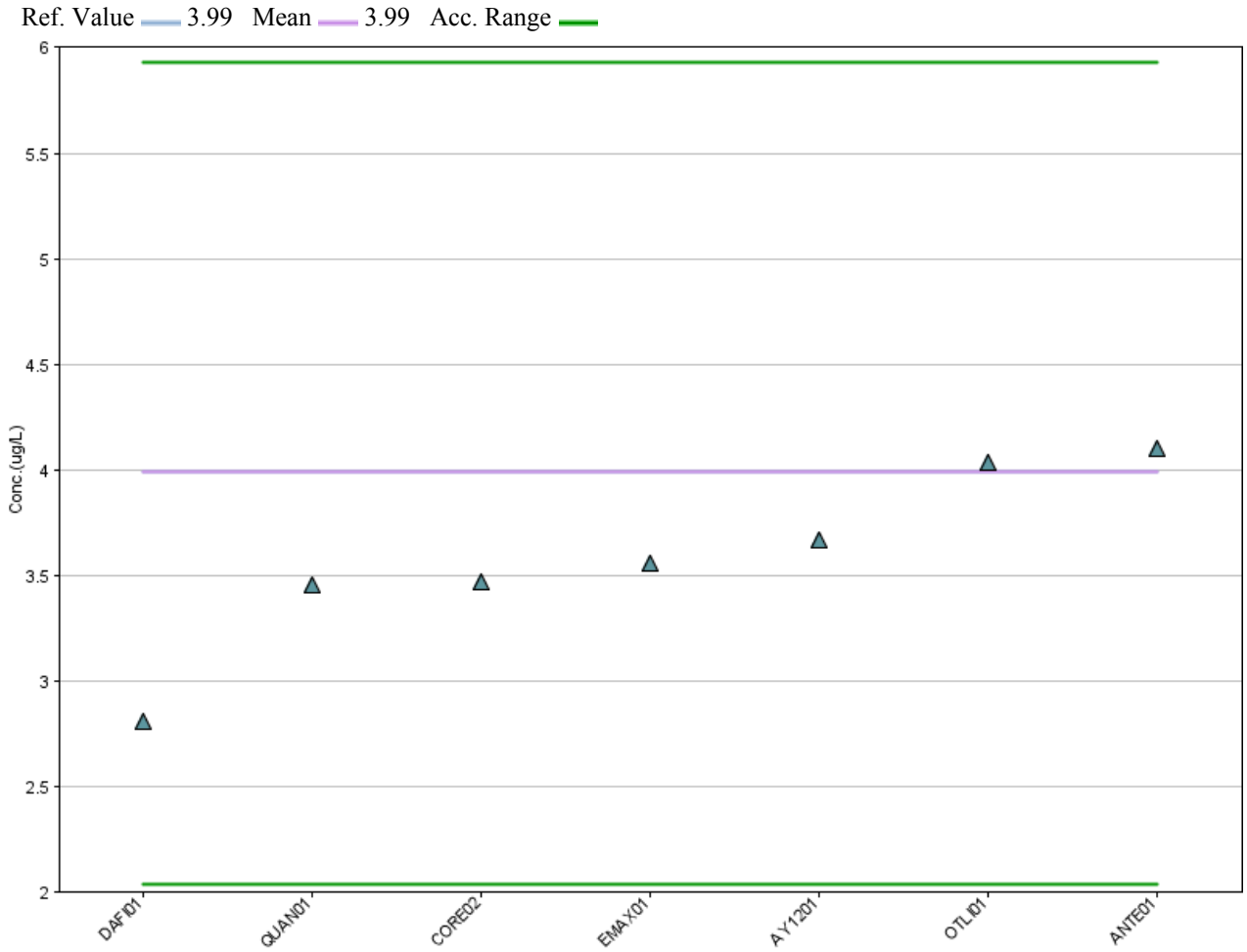
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.03 and 6.83 (±5 Standard Deviations)

Endrin Ketone

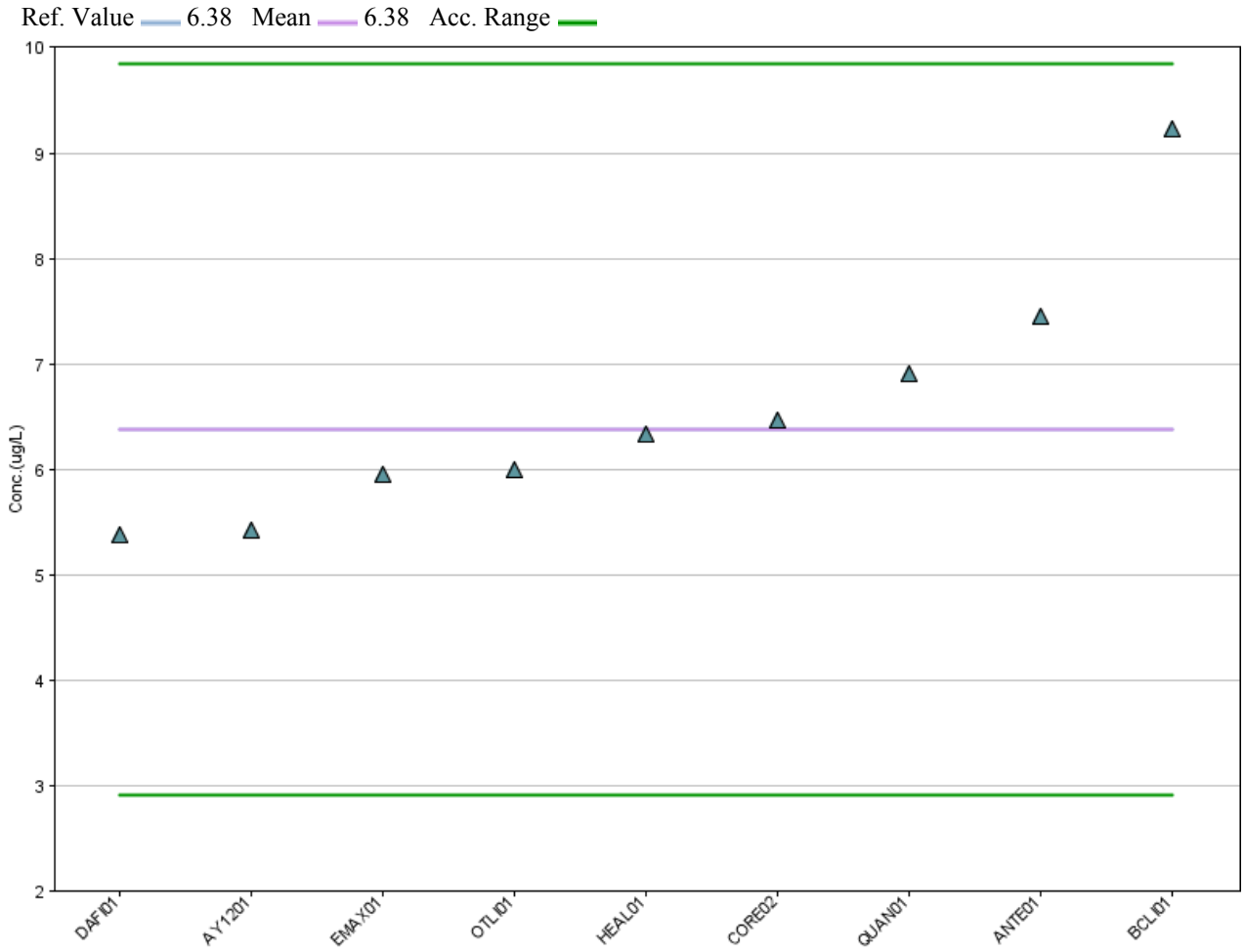
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.74 and 7.24 (±5 Standard Deviations)

gamma-BHC (Lindane)

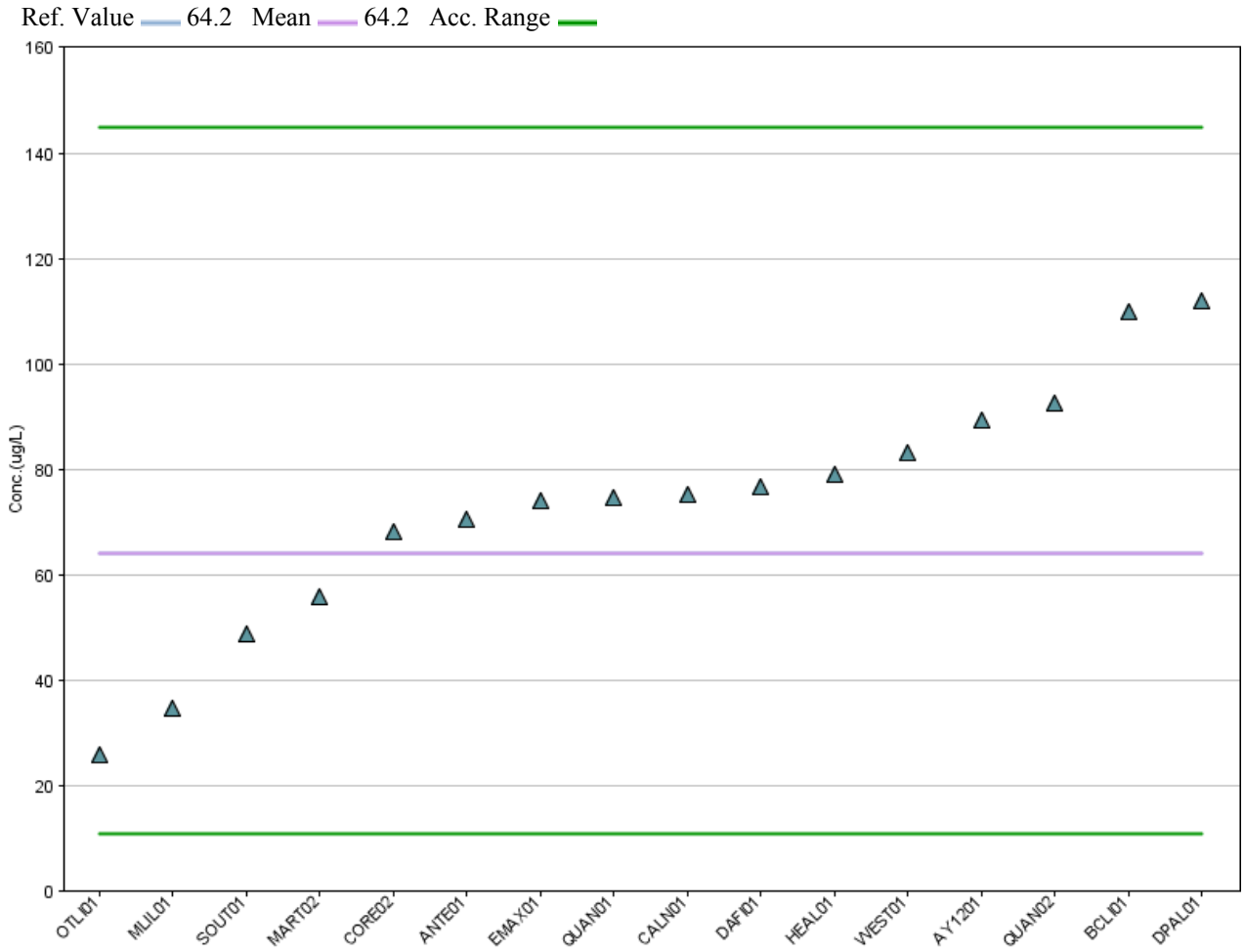
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.63 and 12.13 (±5 Standard Deviations)

Hexachlorocyclopentadiene

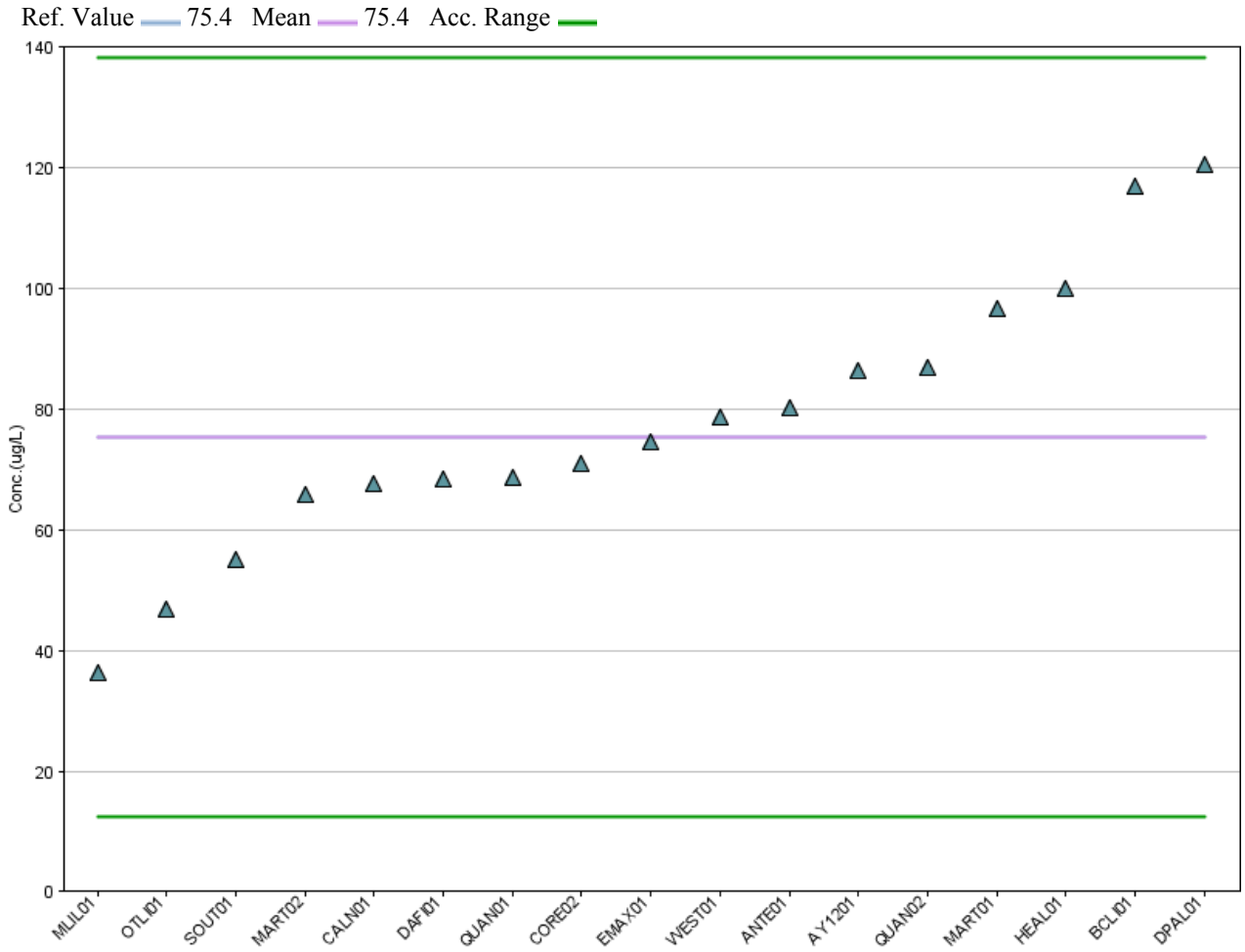
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 198.70 (±5 Standard Deviations)

Hexachloroethane

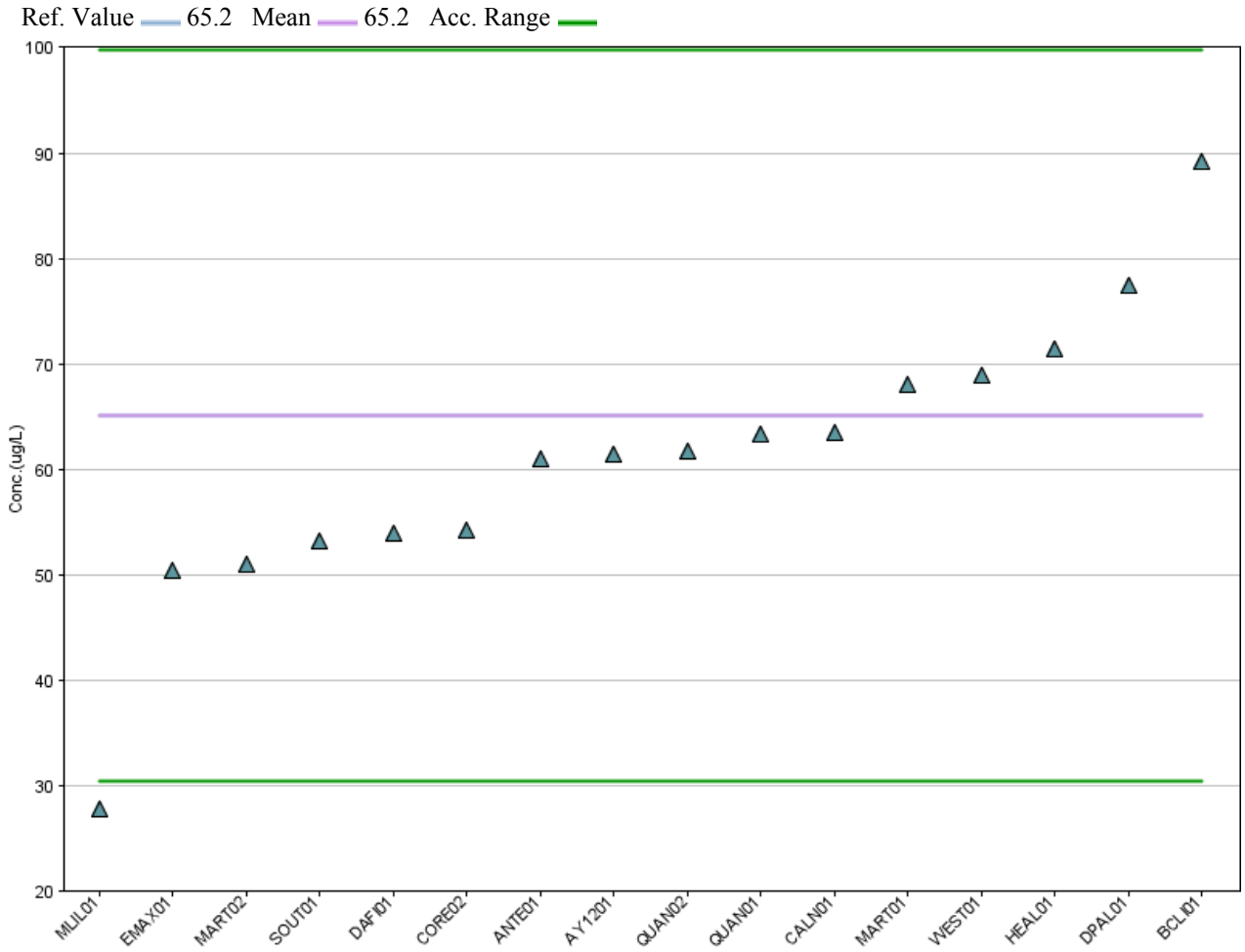
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 180.40 (±5 Standard Deviations)

Isophorone

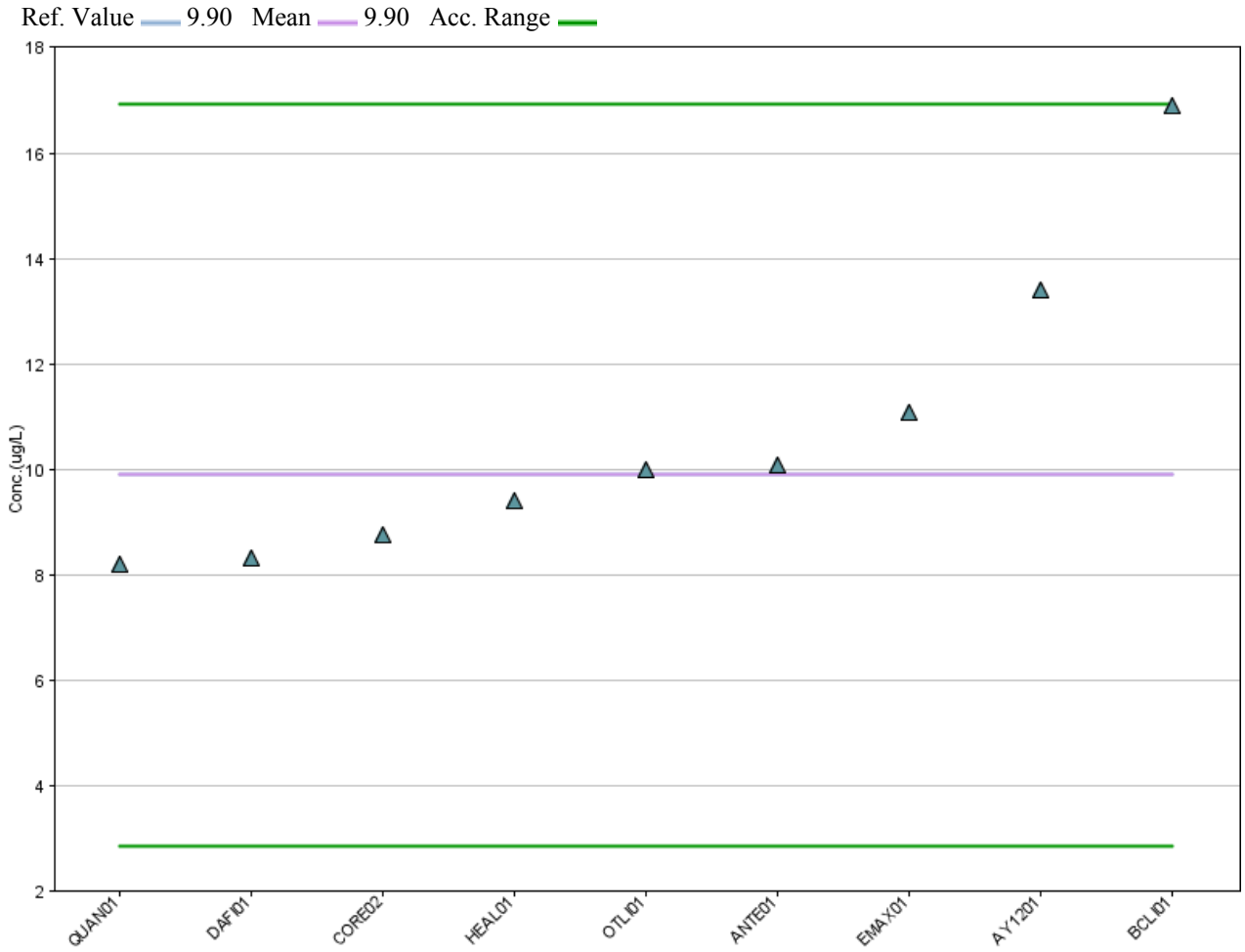
MAPEP-11-OrW25



Note: This chart shows only data points with values between 7.70 and 122.70 (±5 Standard Deviations)

Methoxychlor

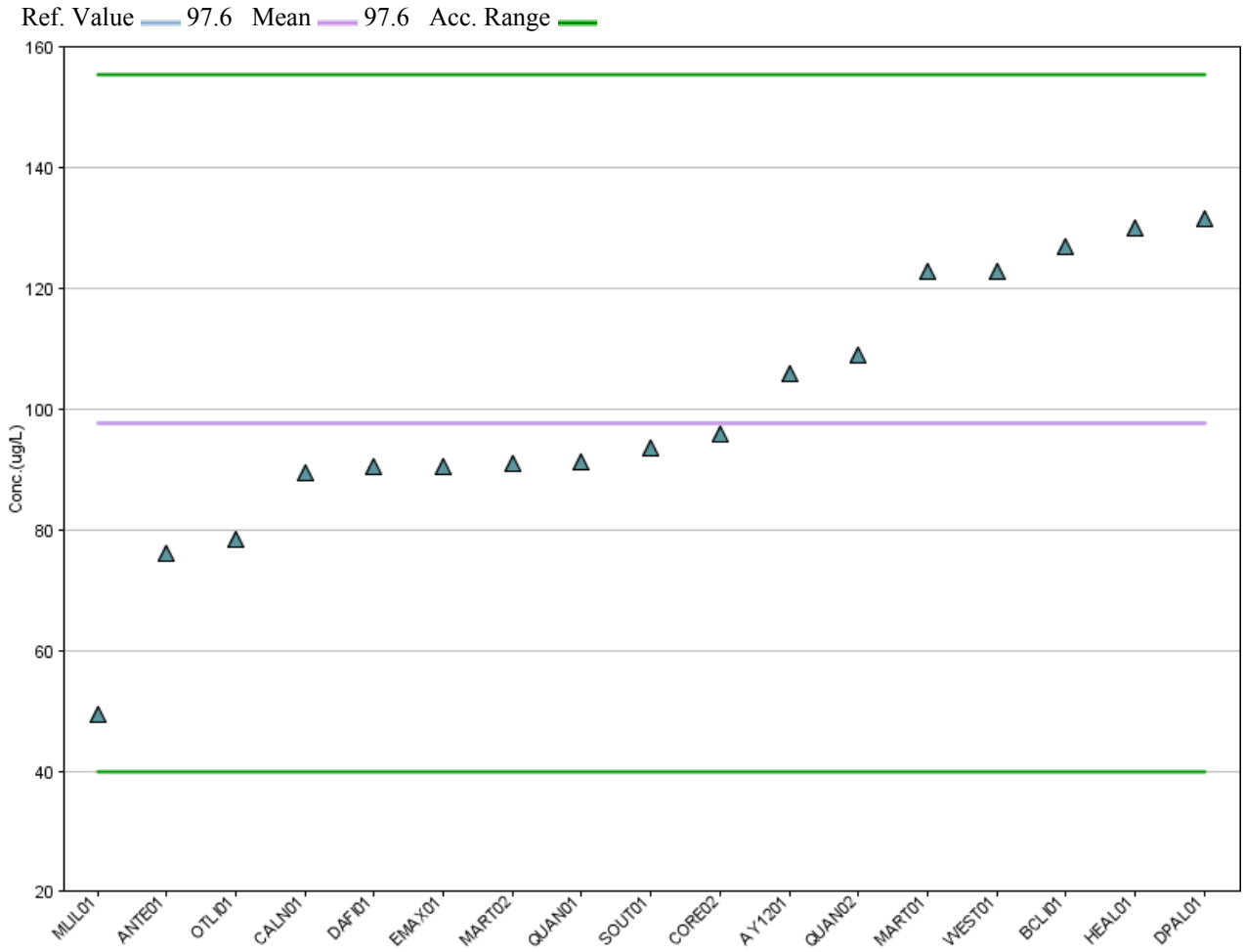
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 21.60 (±5 Standard Deviations)

Nitrobenzene

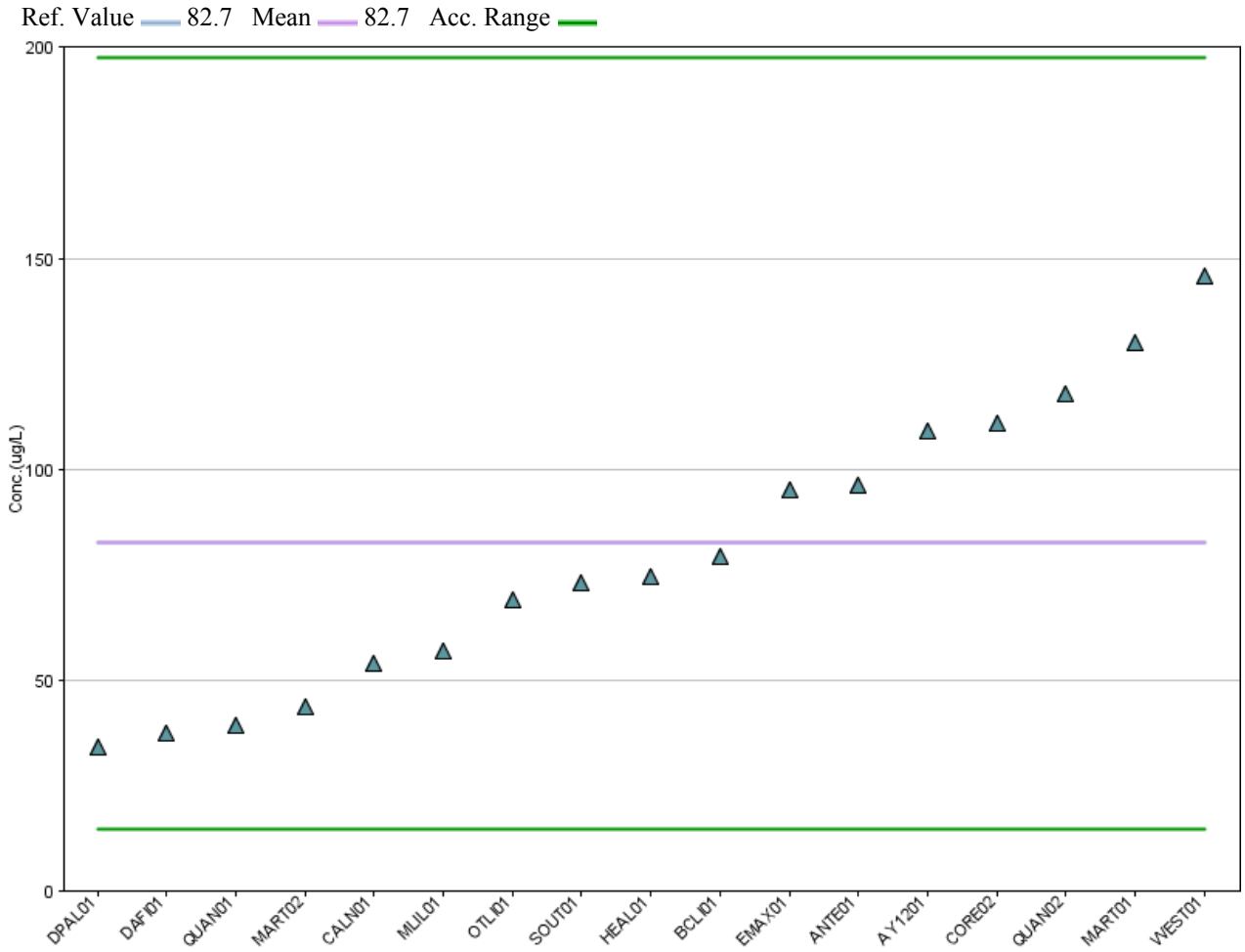
MAPEP-11-OrW25



Note: This chart shows only data points with values between 1.10 and 194.10 (±5 Standard Deviations)

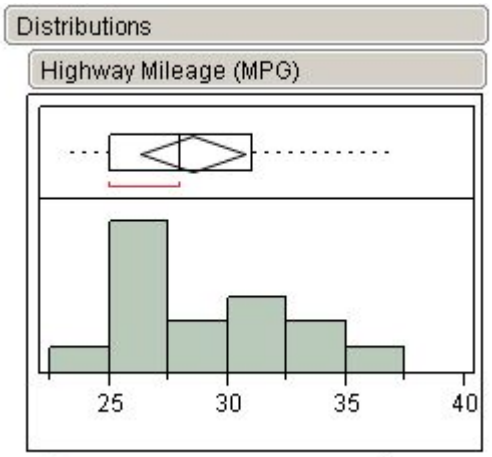
Phenol

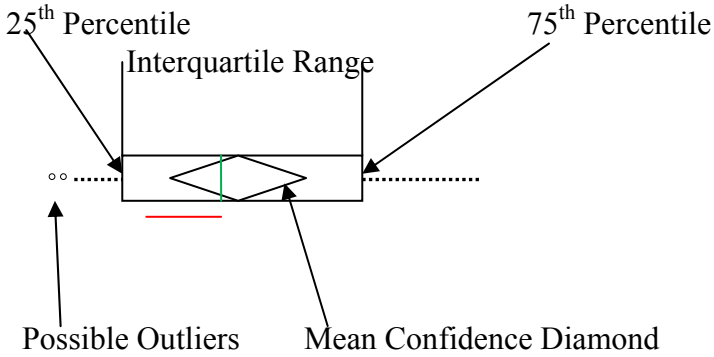
MAPEP-11-OrW25



Note: This chart shows only data points with values between 0.00 and 274.20 (±5 Standard Deviations)

The intent of the distribution graphs contained within this report is to graphically demonstrate to users how % Bias data within the current MAPEP Series appears when examined by matrix, by analyte, by method of sample preparation or by method of detection. The data points (small 'dots') plot the bias (or z-score for organic constituents) of each of the analytes in each of the matrices. The BLACK small vertical line inside the small rectangle at the top of the data distribution graph is the mean of the population of the bias shown for that analyte in the matrix.





Moments

Mean	28.466667
Std Dev	3.9797104
Std Err Mean	1.0275568
Upper 95% Mean	30.670557
Lower 95% Mean	26.262776
N	15
Sum Wgt	15
Sum	427
Variance	15.838095
Skewness	0.7309964
Kurtosis	-0.165153
CV	13.980247
N Missing	0

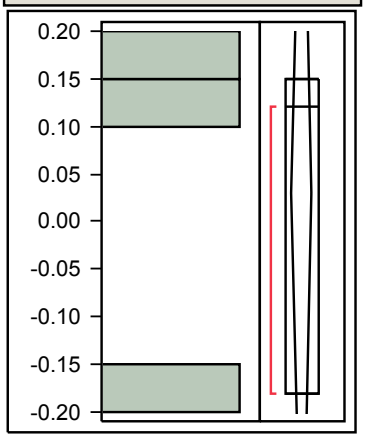
The box plots summarize the distribution of points for each analyte. The ends of the box are the 25th and 75th quantiles. The difference between the quartiles is the interquartile range. The line across the middle of the box identifies the median bias value. Each box has lines, sometimes called whiskers, which extend from each end. The whiskers extend from the ends of the small box to the outermost data point that falls within the distances computed. Any potential outliers are represented as small black dots.

The box plot of the bias data points and the mean visually illustrate the breadth of the distribution and where any potential outliers in the distribution might lie. The moments for the distribution plot are provided below the Bias plot. In some cases, N becomes very small and thus developed statistics may not accurately reflect estimates of the population if N were a significantly larger value.

OrW Distribution by Detection Method

Distributions Analyte_Detection=1,2,4-Trichlorobenzene Other

ZScore



Quantiles

100.0%	maximum	0.15
99.5%		0.15
97.5%		0.15
90.0%		0.15
75.0%	quartile	0.15
50.0%	median	0.12
25.0%	quartile	-0.18
10.0%		-0.18
2.5%		-0.18
0.5%		-0.18
0.0%	minimum	-0.18

Moments

Mean	0.03
Std Dev	0.1824829
Std Err Mean	0.1053565
Upper 95% Mean	0.4833126
Lower 95% Mean	-0.423313
N	3

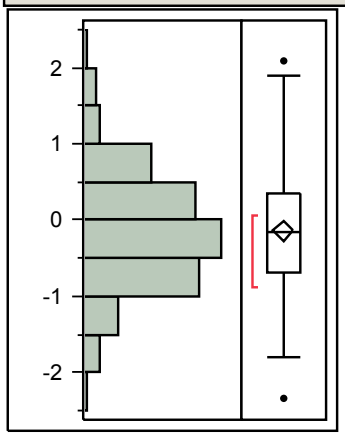
Distributions Analyte_Detection=1,2,4-Trichlorobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=1,2,4-Trichlorobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.09
99.5%		2.09
97.5%		1.8175
90.0%		0.9
75.0%	quartile	0.3525
50.0%	median	-0.16
25.0%	quartile	-0.6825
10.0%		-1.027
2.5%		-1.7288
0.5%		-2.34
0.0%	minimum	-2.34

Moments

Mean	-0.140656
Std Dev	0.7828996
Std Err Mean	0.0708804
Upper 95% Mean	-0.000329
Lower 95% Mean	-0.280982
N	122

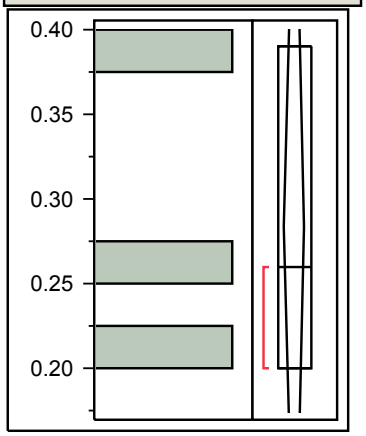
Distributions Analyte_Detection=1,2-Dichlorobenzene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=1,2-Dichlorobenzene Other

ZScore



Quantiles

100.0%	maximum	0.39
99.5%		0.39
97.5%		0.39
90.0%		0.39
75.0%	quartile	0.39
50.0%	median	0.26
25.0%	quartile	0.2
10.0%		0.2
2.5%		0.2
0.5%		0.2
0.0%	minimum	0.2

Moments

Mean	0.2833333
Std Dev	0.0971253
Std Err Mean	0.0560753
Upper 95% Mean	0.5246061
Lower 95% Mean	0.0420606
N	3

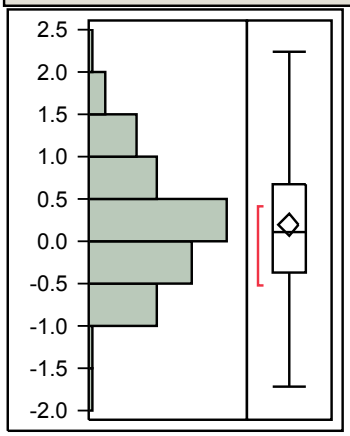
Distributions Analyte_Detection=1,2-Dichlorobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=1,2-Dichlorobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.23
99.5%		2.23
97.5%		1.806
90.0%		1.141
75.0%	quartile	0.6825
50.0%	median	0.105
25.0%	quartile	-0.3625
10.0%		-0.683
2.5%		-0.9998
0.5%		-1.72
0.0%	minimum	-1.72

Moments

Mean	0.1924528
Std Dev	0.7161961
Std Err Mean	0.0695631
Upper 95% Mean	0.3303836
Lower 95% Mean	0.054522
N	106

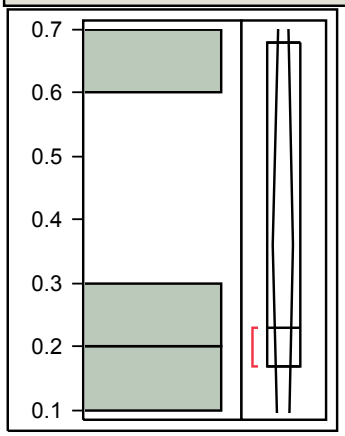
Distributions Analyte_Detection=1,3-Dichlorobenzene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=1,3-Dichlorobenzene Other

ZScore



Quantiles

100.0%	maximum	0.68
99.5%		0.68
97.5%		0.68
90.0%		0.68
75.0%	quartile	0.68
50.0%	median	0.23
25.0%	quartile	0.17
10.0%		0.17
2.5%		0.17
0.5%		0.17
0.0%	minimum	0.17

Moments

Mean	0.36
Std Dev	0.2787472
Std Err Mean	0.1609348
Upper 95% Mean	1.0524464
Lower 95% Mean	-0.332446
N	3

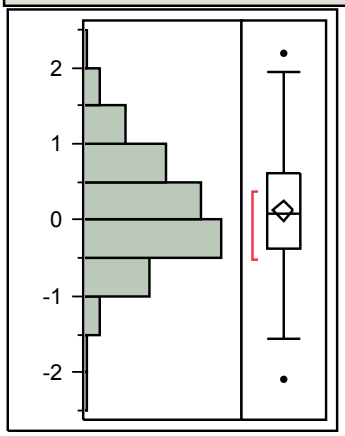
Distributions Analyte_Detection=1,3-Dichlorobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=1,3-Dichlorobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.19
99.5%		2.19
97.5%		1.7685
90.0%		1.16
75.0%	quartile	0.62
50.0%	median	0.09
25.0%	quartile	-0.375
10.0%		-0.792
2.5%		-1.23
0.5%		-2.09
0.0%	minimum	-2.09

Moments

Mean	0.12384
Std Dev	0.7479863
Std Err Mean	0.0669019
Upper 95% Mean	0.2562577
Lower 95% Mean	-0.008578
N	125

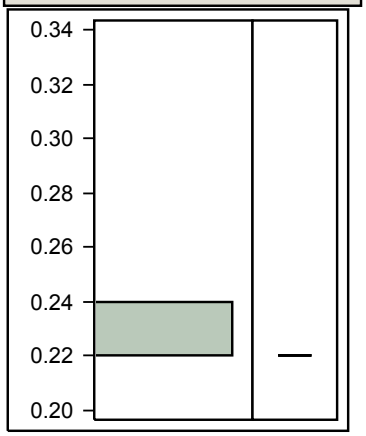
Distributions Analyte_Detection=1,4-Dichlorobenzene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=1,4-Dichlorobenzene Other

ZScore



Quantiles

100.0%	maximum	0.22
99.5%		0.22
97.5%		0.22
90.0%		0.22
75.0%	quartile	0.22
50.0%	median	0.22
25.0%	quartile	0.22
10.0%		0.22
2.5%		0.22
0.5%		0.22
0.0%	minimum	0.22

Moments

Mean	0.22
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

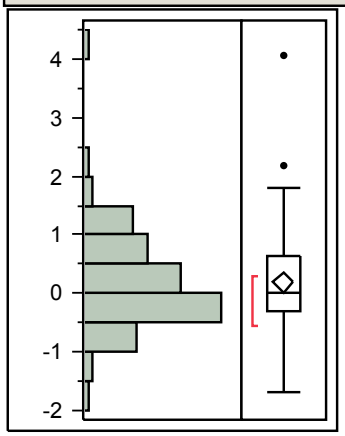
Distributions Analyte_Detection=1,4-Dichlorobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=1,4-Dichlorobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	4.06
99.5%		4.06
97.5%		2.085
90.0%		1.27
75.0%	quartile	0.635
50.0%	median	0.02
25.0%	quartile	-0.32
10.0%		-0.62
2.5%		-1.1225
0.5%		-1.7
0.0%	minimum	-1.7

Moments

Mean	0.1966292
Std Dev	0.8184672
Std Err Mean	0.0867573
Upper 95% Mean	0.3690412
Lower 95% Mean	0.0242172
N	89

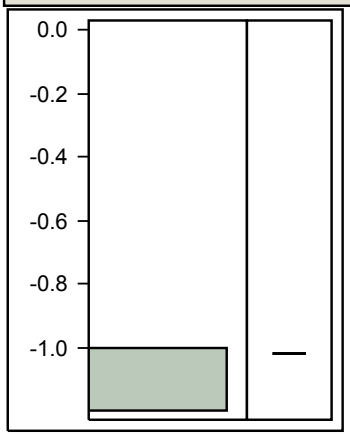
Distributions Analyte_Detection=2,4,5-Trichlorophenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,4,5-Trichlorophenol Other

ZScore



Quantiles

100.0%	maximum	-1.02
99.5%		-1.02
97.5%		-1.02
90.0%		-1.02
75.0%	quartile	-1.02
50.0%	median	-1.02
25.0%	quartile	-1.02
10.0%		-1.02
2.5%		-1.02
0.5%		-1.02
0.0%	minimum	-1.02

Moments

Mean	-1.02
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

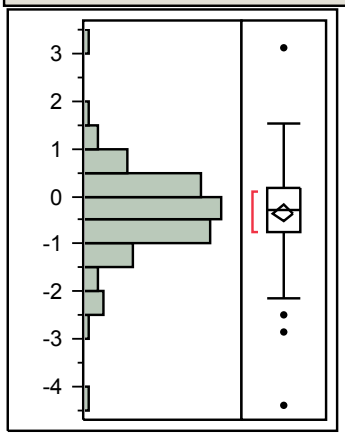
Distributions Analyte_Detection=2,4,5-Trichlorophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,4,5-Trichlorophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.12
99.5%		3.12
97.5%		1.174
90.0%		0.688
75.0%	quartile	0.17
50.0%	median	-0.29
25.0%	quartile	-0.76
10.0%		-1.378
2.5%		-2.562
0.5%		-4.39
0.0%	minimum	-4.39

Moments

Mean	-0.350901
Std Dev	0.9258574
Std Err Mean	0.0878785
Upper 95% Mean	-0.176746
Lower 95% Mean	-0.525055
N	111

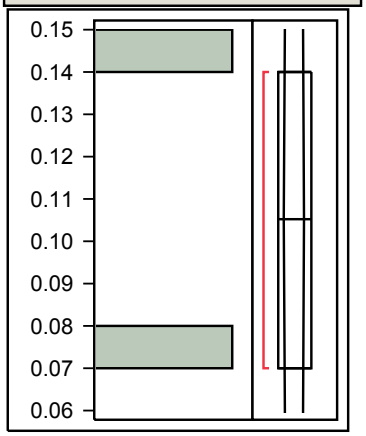
Distributions Analyte_Detection=2,4,6-Trichlorophenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,4,6-Trichlorophenol Other

ZScore



Quantiles

100.0%	maximum	0.14
99.5%		0.14
97.5%		0.14
90.0%		0.14
75.0%	quartile	0.14
50.0%	median	0.105
25.0%	quartile	0.07
10.0%		0.07
2.5%		0.07
0.5%		0.07
0.0%	minimum	0.07

Moments

Mean	0.105
Std Dev	0.0494975
Std Err Mean	0.035
Upper 95% Mean	0.5497172
Lower 95% Mean	-0.339717
N	2

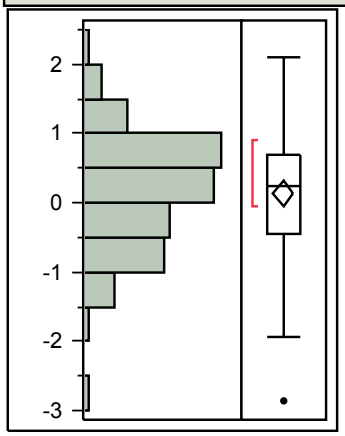
Distributions Analyte_Detection=2,4,6-Trichlorophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,4,6-Trichlorophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.11
99.5%		2.11
97.5%		1.77175
90.0%		1.135
75.0%	quartile	0.6975
50.0%	median	0.25
25.0%	quartile	-0.46
10.0%		-0.881
2.5%		-1.8288
0.5%		-2.86
0.0%	minimum	-2.86

Moments

Mean	0.1309091
Std Dev	0.8537579
Std Err Mean	0.0910109
Upper 95% Mean	0.3118031
Lower 95% Mean	-0.049985
N	88

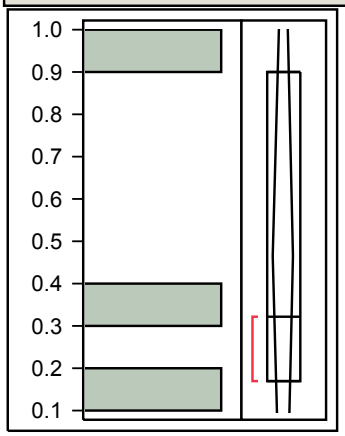
Distributions Analyte_Detection=2,4-Dichlorophenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,4-Dichlorophenol Other

ZScore



Quantiles

100.0%	maximum	0.9
99.5%		0.9
97.5%		0.9
90.0%		0.9
75.0%	quartile	0.9
50.0%	median	0.32
25.0%	quartile	0.17
10.0%		0.17
2.5%		0.17
0.5%		0.17
0.0%	minimum	0.17

Moments

Mean	0.4633333
Std Dev	0.3855299
Std Err Mean	0.2225858
Upper 95% Mean	1.4210428
Lower 95% Mean	-0.494376
N	3

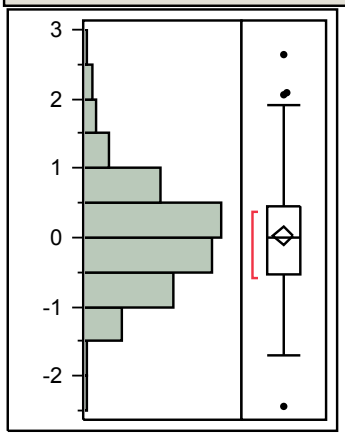
Distributions Analyte_Detection=2,4-Dichlorophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,4-Dichlorophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.64
99.5%		2.64
97.5%		2.0425
90.0%		0.995
75.0%	quartile	0.4575
50.0%	median	-0.01
25.0%	quartile	-0.525
10.0%		-0.925
2.5%		-1.4238
0.5%		-2.44
0.0%	minimum	-2.44

Moments

Mean	0.0266129
Std Dev	0.8074177
Std Err Mean	0.0725083
Upper 95% Mean	0.1701385
Lower 95% Mean	-0.116913
N	124

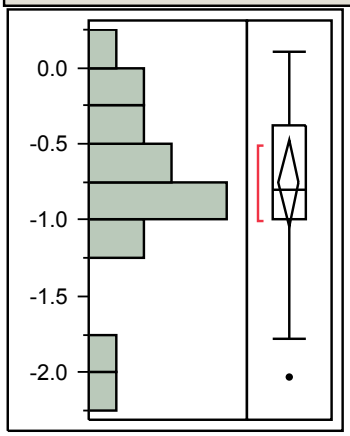
Distributions Analyte_Detection=2,4-Dinitrophenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,4-Dinitrophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	0.11
99.5%		0.11
97.5%		0.11
90.0%		-0.042
75.0%	quartile	-0.375
50.0%	median	-0.8
25.0%	quartile	-0.995
10.0%		-1.83
2.5%		-2.03
0.5%		-2.03
0.0%	minimum	-2.03

Moments

Mean	-0.757647
Std Dev	0.5526587
Std Err Mean	0.1340394
Upper 95% Mean	-0.473496
Lower 95% Mean	-1.041798
N	17

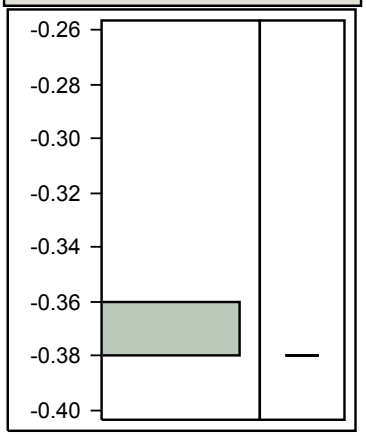
Distributions Analyte_Detection=2,4-Dinitrotoluene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,4-Dinitrotoluene Other

ZScore



Quantiles

100.0%	maximum	-0.38
99.5%		-0.38
97.5%		-0.38
90.0%		-0.38
75.0%	quartile	-0.38
50.0%	median	-0.38
25.0%	quartile	-0.38
10.0%		-0.38
2.5%		-0.38
0.5%		-0.38
0.0%	minimum	-0.38

Moments

Mean	-0.38
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

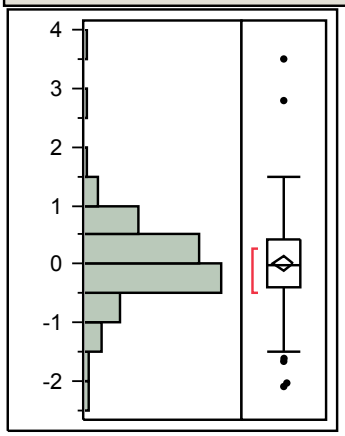
Distributions Analyte_Detection=2,4-Dinitrotoluene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,4-Dinitrotoluene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.5
99.5%		3.5
97.5%		1.475
90.0%		0.85
75.0%	quartile	0.405
50.0%	median	-0.03
25.0%	quartile	-0.39
10.0%		-0.88
2.5%		-1.6475
0.5%		-2.09
0.0%	minimum	-2.09

Moments

Mean	0.0109302
Std Dev	0.7833117
Std Err Mean	0.0689668
Upper 95% Mean	0.1473927
Lower 95% Mean	-0.125532
N	129

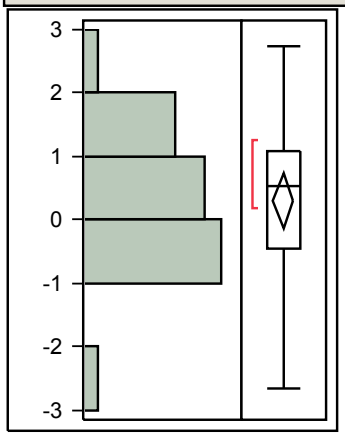
Distributions Analyte_Detection=2,6-Dichlorophenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,6-Dichlorophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.75
99.5%		2.75
97.5%		2.75
90.0%		1.358
75.0%	quartile	1.1
50.0%	median	0.55
25.0%	quartile	-0.445
10.0%		-0.89
2.5%		-2.64
0.5%		-2.64
0.0%	minimum	-2.64

Moments

Mean	0.3012
Std Dev	1.0784415
Std Err Mean	0.2156883
Upper 95% Mean	0.7463588
Lower 95% Mean	-0.143959
N	25

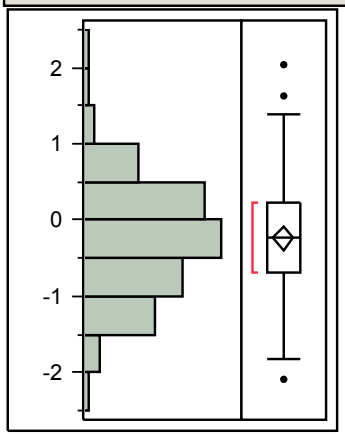
Distributions Analyte_Detection=2,6-Dinitrotoluene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2,6-Dinitrotoluene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.04
99.5%		2.04
97.5%		1.52375
90.0%		0.643
75.0%	quartile	0.235
50.0%	median	-0.24
25.0%	quartile	-0.6875
10.0%		-1.218
2.5%		-1.7988
0.5%		-2.09
0.0%	minimum	-2.09

Moments

Mean	-0.23875
Std Dev	0.7584586
Std Err Mean	0.0774099
Upper 95% Mean	-0.085072
Lower 95% Mean	-0.392428
N	96

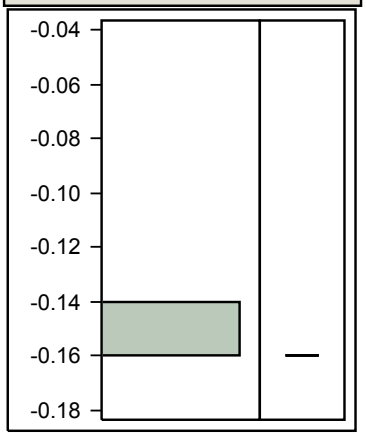
Distributions Analyte_Detection=2-Chloronaphthalene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2-Chloronaphthalene Other

ZScore



Quantiles

100.0%	maximum	-0.16
99.5%		-0.16
97.5%		-0.16
90.0%		-0.16
75.0%	quartile	-0.16
50.0%	median	-0.16
25.0%	quartile	-0.16
10.0%		-0.16
2.5%		-0.16
0.5%		-0.16
0.0%	minimum	-0.16

Moments

Mean	-0.16
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

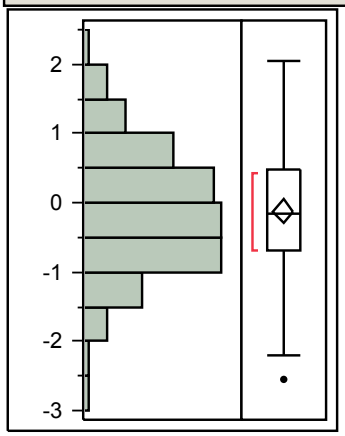
Distributions Analyte_Detection=2-Chloronaphthalene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2-Chloronaphthalene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.06
99.5%		2.06
97.5%		1.814
90.0%		1.016
75.0%	quartile	0.49
50.0%	median	-0.16
25.0%	quartile	-0.69
10.0%		-1.284
2.5%		-2.038
0.5%		-2.55
0.0%	minimum	-2.55

Moments

Mean	-0.121441
Std Dev	0.9020541
Std Err Mean	0.0856192
Upper 95% Mean	0.0482357
Lower 95% Mean	-0.291119
N	111

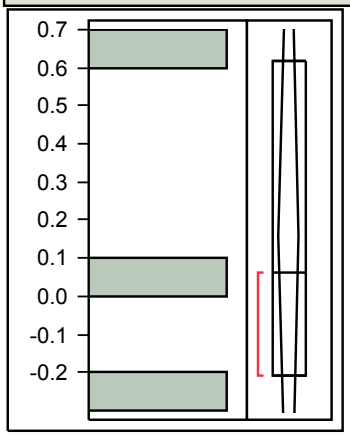
Distributions Analyte_Detection=2-Chlorophenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2-Chlorophenol Other

ZScore



Quantiles

100.0%	maximum	0.62
99.5%		0.62
97.5%		0.62
90.0%		0.62
75.0%	quartile	0.62
50.0%	median	0.06
25.0%	quartile	-0.21
10.0%		-0.21
2.5%		-0.21
0.5%		-0.21
0.0%	minimum	-0.21

Moments

Mean	0.1566667
Std Dev	0.4233596
Std Err Mean	0.2444268
Upper 95% Mean	1.2083502
Lower 95% Mean	-0.895017
N	3

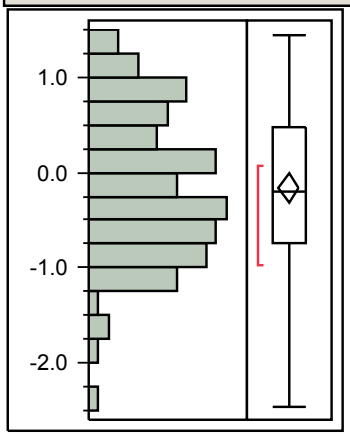
Distributions Analyte_Detection=2-Chlorophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2-Chlorophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.45
99.5%		1.45
97.5%		1.2665
90.0%		0.895
75.0%	quartile	0.485
50.0%	median	-0.2
25.0%	quartile	-0.74
10.0%		-1.18
2.5%		-1.7148
0.5%		-2.46
0.0%	minimum	-2.46

Moments

Mean	-0.159815
Std Dev	0.7867643
Std Err Mean	0.0757064
Upper 95% Mean	-0.009736
Lower 95% Mean	-0.309894
N	108

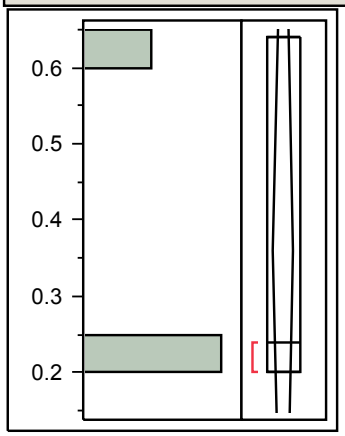
Distributions Analyte_Detection=2-Methylnaphthalene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2-Methylnaphthalene Other

ZScore



Quantiles

100.0%	maximum	0.64
99.5%		0.64
97.5%		0.64
90.0%		0.64
75.0%	quartile	0.64
50.0%	median	0.24
25.0%	quartile	0.2
10.0%		0.2
2.5%		0.2
0.5%		0.2
0.0%	minimum	0.2

Moments

Mean	0.36
Std Dev	0.2433105
Std Err Mean	0.1404754
Upper 95% Mean	0.9644168
Lower 95% Mean	-0.244417
N	3

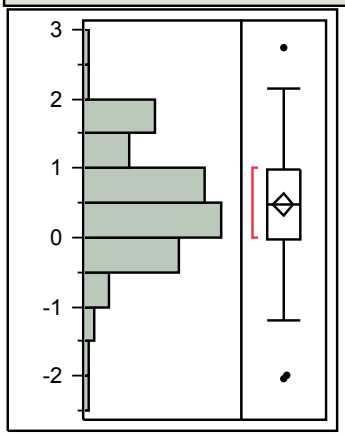
Distributions Analyte_Detection=2-Methylnaphthalene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2-Methylnaphthalene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.74
99.5%		2.74
97.5%		1.99625
90.0%		1.67
75.0%	quartile	0.9875
50.0%	median	0.465
25.0%	quartile	-0.0375
10.0%		-0.465
2.5%		-1.4963
0.5%		-2.04
0.0%	minimum	-2.04

Moments

Mean	0.4820192
Std Dev	0.8469573
Std Err Mean	0.083051
Upper 95% Mean	0.6467313
Lower 95% Mean	0.3173072
N	104

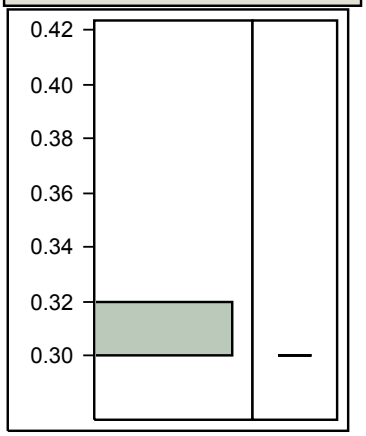
Distributions Analyte_Detection=2-Methylphenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2-Methylphenol Other

ZScore



Quantiles

100.0%	maximum	0.3
99.5%		0.3
97.5%		0.3
90.0%		0.3
75.0%	quartile	0.3
50.0%	median	0.3
25.0%	quartile	0.3
10.0%		0.3
2.5%		0.3
0.5%		0.3
0.0%	minimum	0.3

Moments

Mean	0.3
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

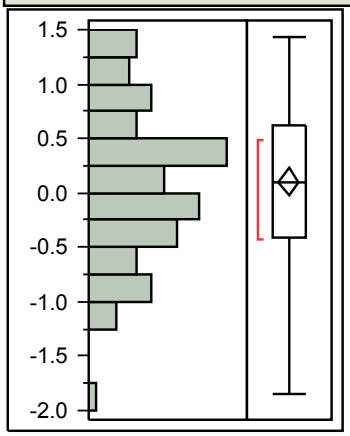
Distributions Analyte_Detection=2-Methylphenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2-Methylphenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.43
99.5%		1.43
97.5%		1.3535
90.0%		1.098
75.0%	quartile	0.615
50.0%	median	0.1
25.0%	quartile	-0.4125
10.0%		-0.82
2.5%		-1.1335
0.5%		-1.85
0.0%	minimum	-1.85

Moments

Mean	0.1046364
Std Dev	0.6956716
Std Err Mean	0.0663297
Upper 95% Mean	0.2360997
Lower 95% Mean	-0.026827
N	110

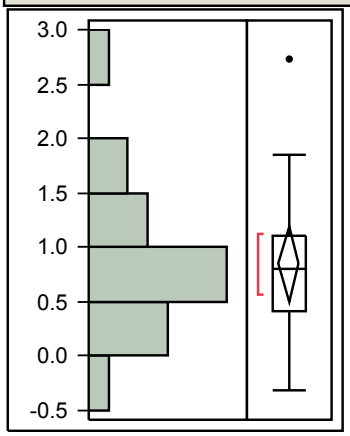
Distributions Analyte_Detection=2-Nitrophenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=2-Nitrophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.73
99.5%		2.73
97.5%		2.73
90.0%		1.938
75.0%	quartile	1.1
50.0%	median	0.795
25.0%	quartile	0.4125
10.0%		0.059
2.5%		-0.31
0.5%		-0.31
0.0%	minimum	-0.31

Moments

Mean	0.8461111
Std Dev	0.7095826
Std Err Mean	0.1672502
Upper 95% Mean	1.1989783
Lower 95% Mean	0.493244
N	18

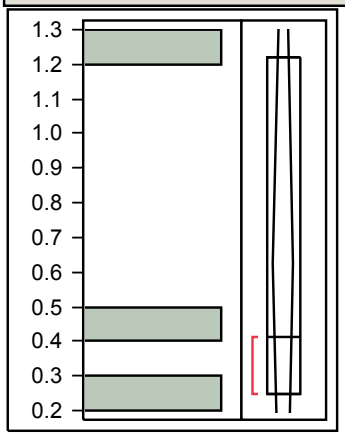
Distributions Analyte_Detection=3-Methyl & 4-Methylphenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=3-Methyl & 4-Methylphenol Other

ZScore



Quantiles

100.0%	maximum	1.22
99.5%		1.22
97.5%		1.22
90.0%		1.22
75.0%	quartile	1.22
50.0%	median	0.41
25.0%	quartile	0.25
10.0%		0.25
2.5%		0.25
0.5%		0.25
0.0%	minimum	0.25

Moments

Mean	0.6266667
Std Dev	0.5200321
Std Err Mean	0.3002406
Upper 95% Mean	1.9184979
Lower 95% Mean	-0.665165
N	3

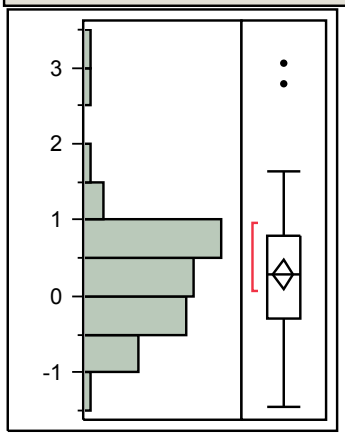
Distributions Analyte_Detection=3-Methyl & 4-Methylphenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=3-Methyl & 4-Methylphenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.06
99.5%		3.06
97.5%		2.87775
90.0%		1.018
75.0%	quartile	0.8025
50.0%	median	0.285
25.0%	quartile	-0.2825
10.0%		-0.765
2.5%		-1.143
0.5%		-1.44
0.0%	minimum	-1.44

Moments

Mean	0.2960606
Std Dev	0.7997382
Std Err Mean	0.098441
Upper 95% Mean	0.4926608
Lower 95% Mean	0.0994604
N	66

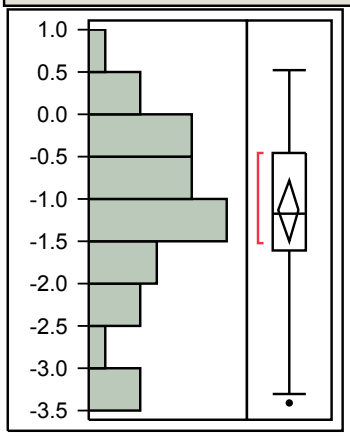
Distributions Analyte_Detection=4,4'-DDD SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4,4'-DDD SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	0.52
99.5%		0.52
97.5%		0.52
90.0%		0.372
75.0%	quartile	-0.45
50.0%	median	-1.18
25.0%	quartile	-1.61
10.0%		-2.934
2.5%		-3.41
0.5%		-3.41
0.0%	minimum	-3.41

Moments

Mean	-1.133143
Std Dev	1.0511136
Std Err Mean	0.1776706
Upper 95% Mean	-0.772073
Lower 95% Mean	-1.494213
N	35

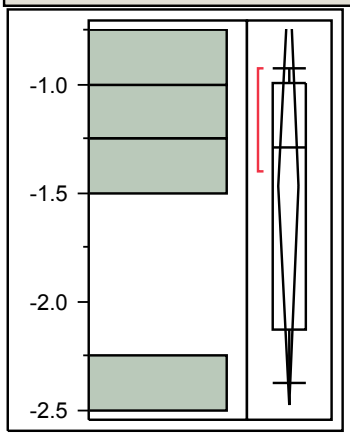
Distributions Analyte_Detection=4,4'-DDD SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4,4'-DDD SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	-0.93
99.5%		-0.93
97.5%		-0.93
90.0%		-0.93
75.0%	quartile	-0.995
50.0%	median	-1.295
25.0%	quartile	-2.1275
10.0%		-2.37
2.5%		-2.37
0.5%		-2.37
0.0%	minimum	-2.37

Moments

Mean	-1.4725
Std Dev	0.6284571
Std Err Mean	0.3142286
Upper 95% Mean	-0.472485
Lower 95% Mean	-2.472515
N	4

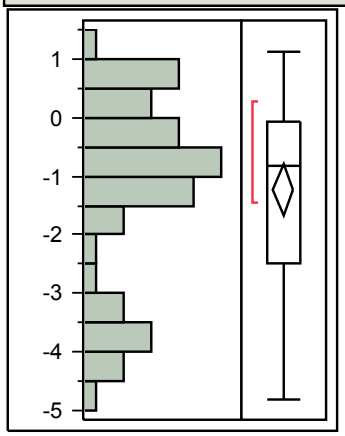
Distributions Analyte_Detection=4,4'-DDE SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4,4'-DDE SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.13
99.5%		1.13
97.5%		1.062
90.0%		0.754
75.0%	quartile	-0.08
50.0%	median	-0.82
25.0%	quartile	-2.48
10.0%		-3.786
2.5%		-4.624
0.5%		-4.8
0.0%	minimum	-4.8

Moments

Mean	-1.246545
Std Dev	1.6259746
Std Err Mean	0.2192464
Upper 95% Mean	-0.806983
Lower 95% Mean	-1.686108
N	55

Distributions Analyte_Detection=4,4'-DDE SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4,4'-DDE SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

Quantiles

100.0%	maximum	0.37
99.5%		0.37
97.5%		0.37
90.0%		0.37
75.0%	quartile	0.3025
50.0%	median	-0.315
25.0%	quartile	-1.865
10.0%		-2.27
2.5%		-2.27
0.5%		-2.27
0.0%	minimum	-2.27

Moments

Mean	-0.663333
Std Dev	1.0893974
Std Err Mean	0.4447446
Upper 95% Mean	0.4799191
Lower 95% Mean	-1.806586
N	6

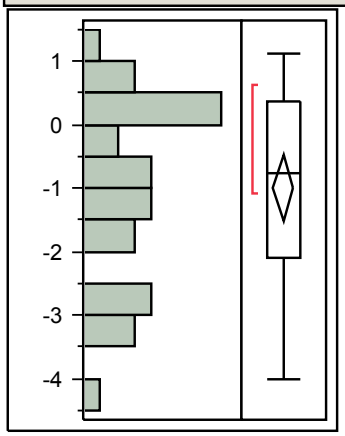
Distributions Analyte_Detection=4,4'-DDT SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4,4'-DDT SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.11
99.5%		1.11
97.5%		1.11
90.0%		0.614
75.0%	quartile	0.38
50.0%	median	-0.76
25.0%	quartile	-2.105
10.0%		-3.246
2.5%		-4.01
0.5%		-4.01
0.0%	minimum	-4.01

Moments

Mean	-0.988182
Std Dev	1.4467301
Std Err Mean	0.2518434
Upper 95% Mean	-0.475194
Lower 95% Mean	-1.50117
N	33

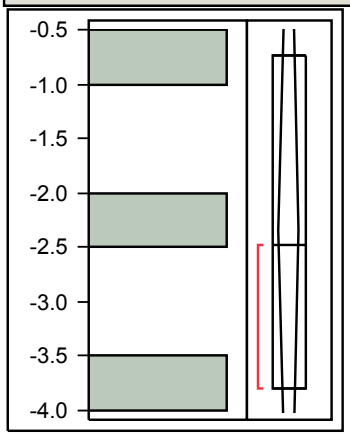
Distributions Analyte_Detection=4,4'-DDT SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4,4'-DDT SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	-0.73
99.5%		-0.73
97.5%		-0.73
90.0%		-0.73
75.0%	quartile	-0.73
50.0%	median	-2.48
25.0%	quartile	-3.8
10.0%		-3.8
2.5%		-3.8
0.5%		-3.8
0.0%	minimum	-3.8

Moments

Mean	-2.336667
Std Dev	1.5400108
Std Err Mean	0.8891257
Upper 95% Mean	1.4889323
Lower 95% Mean	-6.162266
N	3

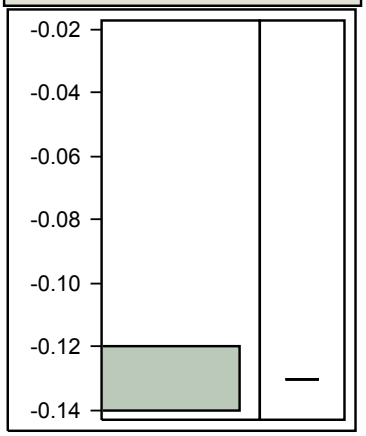
Distributions Analyte_Detection=4,6-Dinitro-2-methylphenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4-Bromophenyl-phenylether Other

ZScore



Quantiles

100.0%	maximum	-0.13
99.5%		-0.13
97.5%		-0.13
90.0%		-0.13
75.0%	quartile	-0.13
50.0%	median	-0.13
25.0%	quartile	-0.13
10.0%		-0.13
2.5%		-0.13
0.5%		-0.13
0.0%	minimum	-0.13

Moments

Mean	-0.13
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

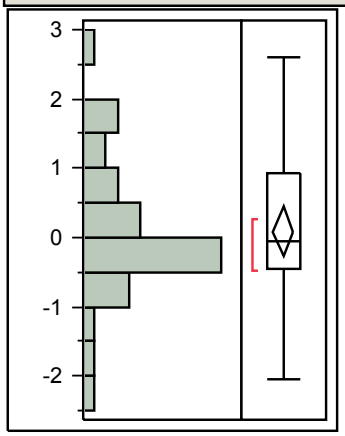
Distributions Analyte_Detection=4-Bromophenyl-phenylether SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4-Bromophenyl-phenylether SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.61
99.5%		2.61
97.5%		2.61
90.0%		1.634
75.0%	quartile	0.92
50.0%	median	-0.05
25.0%	quartile	-0.455
10.0%		-1.182
2.5%		-2.05
0.5%		-2.05
0.0%	minimum	-2.05

Moments

Mean	0.0854545
Std Dev	1.0336316
Std Err Mean	0.1799322
Upper 95% Mean	0.4519644
Lower 95% Mean	-0.281055
N	33

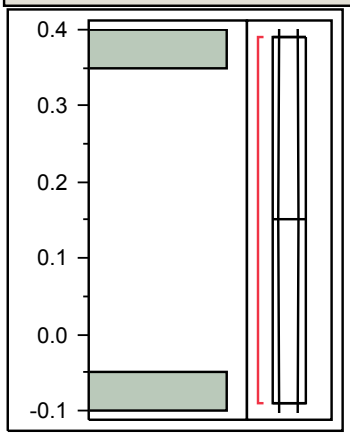
Distributions Analyte_Detection=4-Chloro-3-methylphenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4-Chloro-3-methylphenol Other

ZScore



Quantiles

100.0%	maximum	0.39
99.5%		0.39
97.5%		0.39
90.0%		0.39
75.0%	quartile	0.39
50.0%	median	0.15
25.0%	quartile	-0.09
10.0%		-0.09
2.5%		-0.09
0.5%		-0.09
0.0%	minimum	-0.09

Moments

Mean	0.15
Std Dev	0.3394113
Std Err Mean	0.24
Upper 95% Mean	3.1994891
Lower 95% Mean	-2.899489
N	2

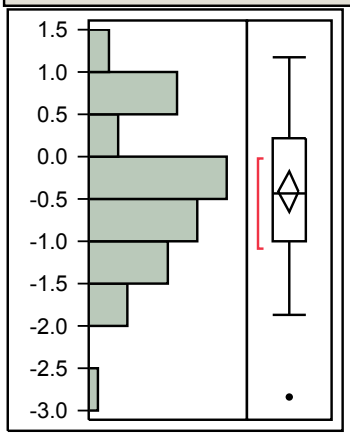
Distributions Analyte_Detection=4-Chloro-3-methylphenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4-Chloro-3-methylphenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.17
99.5%		1.17
97.5%		1.15375
90.0%		0.871
75.0%	quartile	0.2275
50.0%	median	-0.44
25.0%	quartile	-0.99
10.0%		-1.518
2.5%		-2.5248
0.5%		-2.84
0.0%	minimum	-2.84

Moments

Mean	-0.404615
Std Dev	0.8651951
Std Err Mean	0.119981
Upper 95% Mean	-0.163744
Lower 95% Mean	-0.645487
N	52

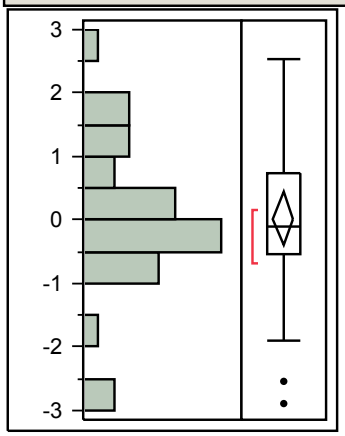
Distributions Analyte_Detection=4-Chlorophenyl-phenylether SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4-Chlorophenyl-phenylether SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.54
99.5%		2.54
97.5%		2.54
90.0%		1.728
75.0%	quartile	0.75
50.0%	median	-0.105
25.0%	quartile	-0.5225
10.0%		-1.551
2.5%		-2.89
0.5%		-2.89
0.0%	minimum	-2.89

Moments

Mean	0.0278125
Std Dev	1.1747855
Std Err Mean	0.2076747
Upper 95% Mean	0.4513678
Lower 95% Mean	-0.395743
N	32

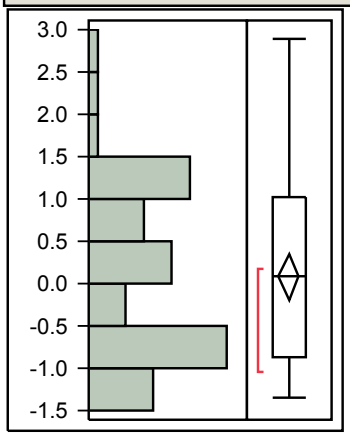
Distributions Analyte_Detection=4-Nitrophenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=4-Nitrophenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.9
99.5%		2.9
97.5%		2.58
90.0%		1.452
75.0%	quartile	1.02
50.0%	median	0.09
25.0%	quartile	-0.88
10.0%		-1.02
2.5%		-1.28
0.5%		-1.34
0.0%	minimum	-1.34

Moments

Mean	0.0845455
Std Dev	1.0130607
Std Err Mean	0.1366011
Upper 95% Mean	0.3584141
Lower 95% Mean	-0.189323
N	55

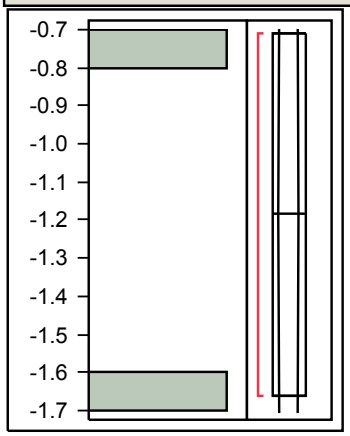
Distributions Analyte_Detection=Acenaphthene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Acenaphthene Other

ZScore



Quantiles

100.0%	maximum	-0.71
99.5%		-0.71
97.5%		-0.71
90.0%		-0.71
75.0%	quartile	-0.71
50.0%	median	-1.185
25.0%	quartile	-1.66
10.0%		-1.66
2.5%		-1.66
0.5%		-1.66
0.0%	minimum	-1.66

Moments

Mean	-1.185
Std Dev	0.6717514
Std Err Mean	0.475
Upper 95% Mean	4.8504472
Lower 95% Mean	-7.220447
N	2

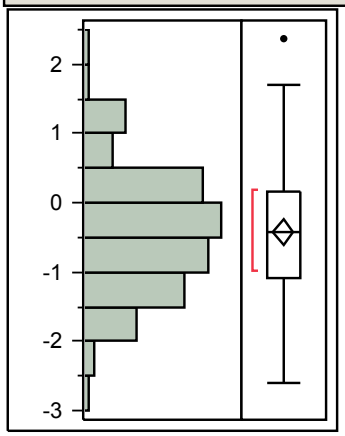
Distributions Analyte_Detection=Acenaphthene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Acenaphthene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.37
99.5%		2.37
97.5%		1.48
90.0%		0.81
75.0%	quartile	0.16
50.0%	median	-0.42
25.0%	quartile	-1.08
10.0%		-1.522
2.5%		-2.177
0.5%		-2.61
0.0%	minimum	-2.61

Moments

Mean	-0.42243
Std Dev	0.9043051
Std Err Mean	0.0874225
Upper 95% Mean	-0.249106
Lower 95% Mean	-0.595753
N	107

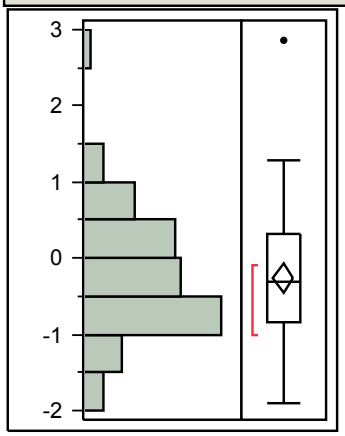
Distributions Analyte_Detection=Acenaphthylene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Acenaphthylene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.86
99.5%		2.86
97.5%		1.596
90.0%		0.696
75.0%	quartile	0.33
50.0%	median	-0.3
25.0%	quartile	-0.84
10.0%		-1.27
2.5%		-1.838
0.5%		-1.91
0.0%	minimum	-1.91

Moments

Mean	-0.266338
Std Dev	0.8143363
Std Err Mean	0.0966439
Upper 95% Mean	-0.073588
Lower 95% Mean	-0.459088
N	71

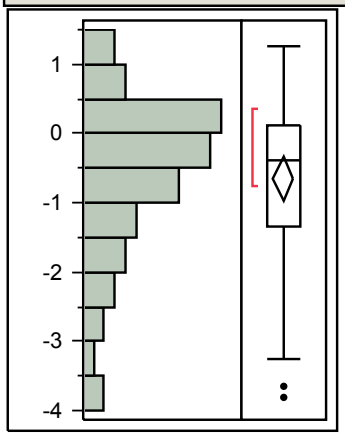
Distributions Analyte_Detection=Aldrin Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Aldrin SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.25
99.5%		1.25
97.5%		1.20725
90.0%		0.637
75.0%	quartile	0.1225
50.0%	median	-0.38
25.0%	quartile	-1.3325
10.0%		-2.404
2.5%		-3.734
0.5%		-3.81
0.0%	minimum	-3.81

Moments

Mean	-0.655172
Std Dev	1.1742982
Std Err Mean	0.1541929
Upper 95% Mean	-0.346406
Lower 95% Mean	-0.963938
N	58

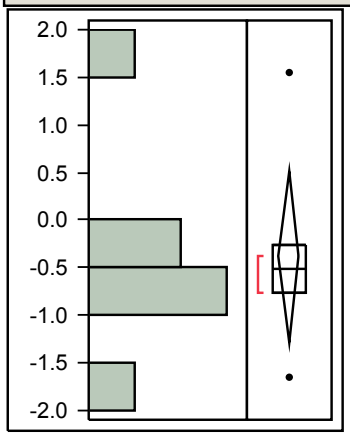
Distributions Analyte_Detection=Aldrin SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Aldrin SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.55
99.5%		1.55
97.5%		1.55
90.0%		1.55
75.0%	quartile	-0.27
50.0%	median	-0.52
25.0%	quartile	-0.76
10.0%		-1.65
2.5%		-1.65
0.5%		-1.65
0.0%	minimum	-1.65

Moments

Mean	-0.382857
Std Dev	0.9654311
Std Err Mean	0.3648986
Upper 95% Mean	0.5100177
Lower 95% Mean	-1.275732
N	7

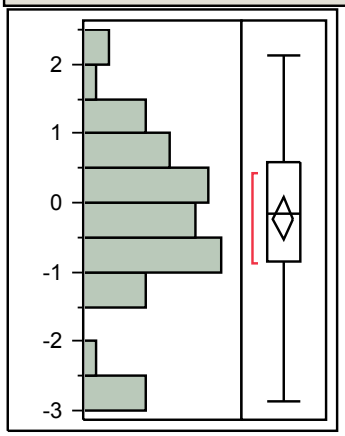
Distributions Analyte_Detection=alpha Chlordane SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=alpha-BHC SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	2.13
99.5%		2.13
97.5%		2.13
90.0%		1.215
75.0%	quartile	0.5925
50.0%	median	-0.145
25.0%	quartile	-0.835
10.0%		-2.195
2.5%		-2.843
0.5%		-2.86
0.0%	minimum	-2.86

Moments

Mean	-0.225536
Std Dev	1.1770486
Std Err Mean	0.1572897
Upper 95% Mean	0.08968
Lower 95% Mean	-0.540751
N	56

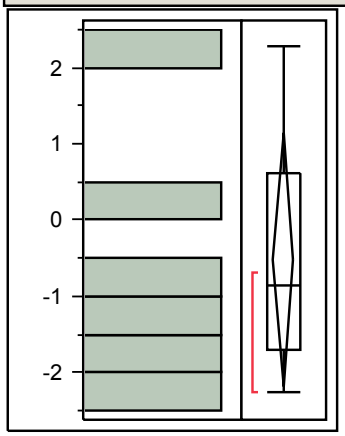
Distributions Analyte_Detection=alpha-BHC SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=alpha-BHC SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.29
99.5%		2.29
97.5%		2.29
90.0%		2.29
75.0%	quartile	0.625
50.0%	median	-0.86
25.0%	quartile	-1.6975
10.0%		-2.26
2.5%		-2.26
0.5%		-2.26
0.0%	minimum	-2.26

Moments

Mean	-0.521667
Std Dev	1.5833056
Std Err Mean	0.6463818
Upper 95% Mean	1.1399107
Lower 95% Mean	-2.183244
N	6

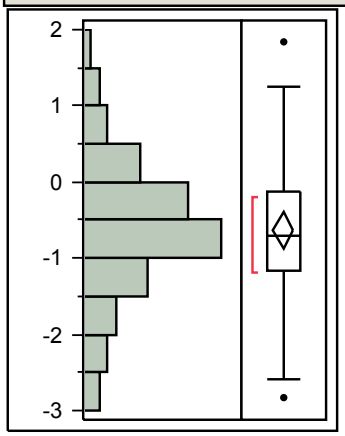
Distributions Analyte_Detection=Anthracene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Anthracene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.84
99.5%		1.84
97.5%		1.525
90.0%		0.496
75.0%	quartile	-0.1275
50.0%	median	-0.71
25.0%	quartile	-1.155
10.0%		-1.887
2.5%		-2.704
0.5%		-2.83
0.0%	minimum	-2.83

Moments

Mean	-0.634333
Std Dev	0.9143144
Std Err Mean	0.1180375
Upper 95% Mean	-0.398141
Lower 95% Mean	-0.870526
N	60

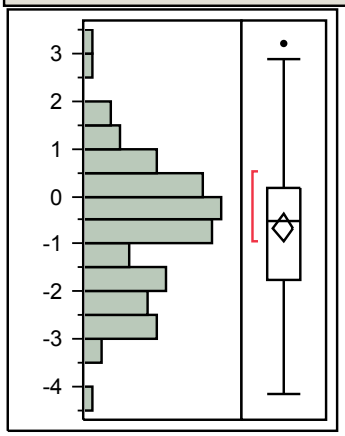
Distributions Analyte_Detection=Benzo(a)anthracene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Benzo(a)anthracene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.21
99.5%		3.21
97.5%		2.608
90.0%		1.004
75.0%	quartile	0.19
50.0%	median	-0.53
25.0%	quartile	-1.75
10.0%		-2.754
2.5%		-3.357
0.5%		-4.15
0.0%	minimum	-4.15

Moments

Mean	-0.667582
Std Dev	1.4159774
Std Err Mean	0.1484348
Upper 95% Mean	-0.372691
Lower 95% Mean	-0.962474
N	91

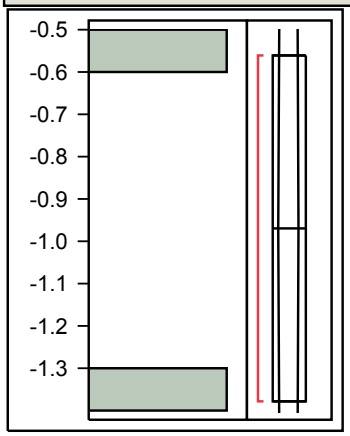
Distributions Analyte_Detection=Benzo(a)pyrene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Benzo(a)pyrene Other

ZScore



Quantiles

100.0%	maximum	-0.56
99.5%		-0.56
97.5%		-0.56
90.0%		-0.56
75.0%	quartile	-0.56
50.0%	median	-0.97
25.0%	quartile	-1.38
10.0%		-1.38
2.5%		-1.38
0.5%		-1.38
0.0%	minimum	-1.38

Moments

Mean	-0.97
Std Dev	0.5798276
Std Err Mean	0.41
Upper 95% Mean	4.2395439
Lower 95% Mean	-6.179544
N	2

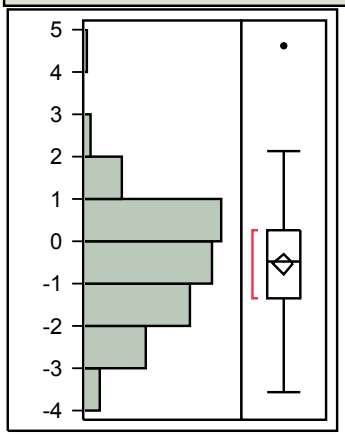
Distributions Analyte_Detection=Benzo(a)pyrene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Benzo(a)pyrene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	4.62
99.5%		4.62
97.5%		2.0885
90.0%		1.025
75.0%	quartile	0.2575
50.0%	median	-0.47
25.0%	quartile	-1.33
10.0%		-2.363
2.5%		-3.2688
0.5%		-3.55
0.0%	minimum	-3.55

Moments

Mean	-0.541172
Std Dev	1.3334147
Std Err Mean	0.1178583
Upper 95% Mean	-0.307952
Lower 95% Mean	-0.774392
N	128

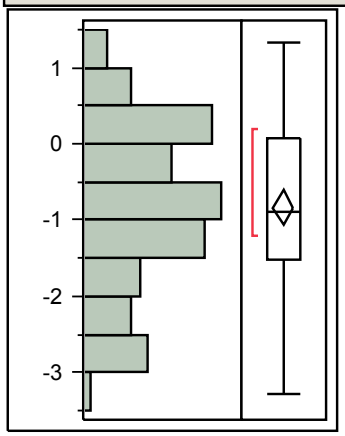
Distributions Analyte_Detection=Benzo(b)fluoranthene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Benzo(b)fluoranthene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.33
99.5%		1.33
97.5%		1.275
90.0%		0.504
75.0%	quartile	0.07
50.0%	median	-0.9
25.0%	quartile	-1.52
10.0%		-2.564
2.5%		-2.9
0.5%		-3.28
0.0%	minimum	-3.28

Moments

Mean	-0.837889
Std Dev	1.0907265
Std Err Mean	0.1149727
Upper 95% Mean	-0.609441
Lower 95% Mean	-1.066337
N	90

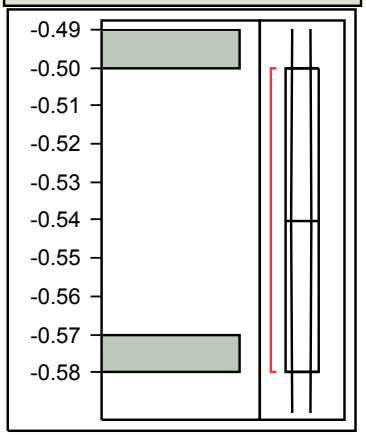
Distributions Analyte_Detection=Benzo(g,h,i)perylene Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Benzo(g,h,i)perylene Other

ZScore



Quantiles

100.0%	maximum	-0.5
99.5%		-0.5
97.5%		-0.5
90.0%		-0.5
75.0%	quartile	-0.5
50.0%	median	-0.54
25.0%	quartile	-0.58
10.0%		-0.58
2.5%		-0.58
0.5%		-0.58
0.0%	minimum	-0.58

Moments

Mean	-0.54
Std Dev	0.0565685
Std Err Mean	0.04
Upper 95% Mean	-0.031752
Lower 95% Mean	-1.048248
N	2

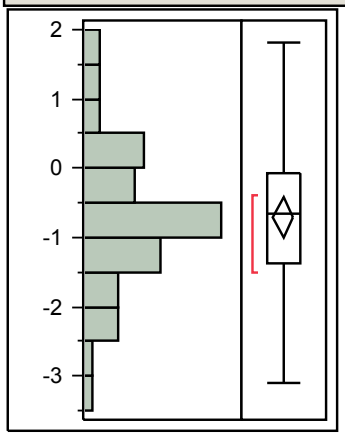
Distributions Analyte_Detection=Benzo(g,h,i)perylene
SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Benzo(g,h,i)perylene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.82
99.5%		1.82
97.5%		1.73
90.0%		0.68
75.0%	quartile	-0.075
50.0%	median	-0.67
25.0%	quartile	-1.38
10.0%		-2.31
2.5%		-2.9825
0.5%		-3.11
0.0%	minimum	-3.11

Moments

Mean	-0.701667
Std Dev	1.0641176
Std Err Mean	0.1448081
Upper 95% Mean	-0.411218
Lower 95% Mean	-0.992115
N	54

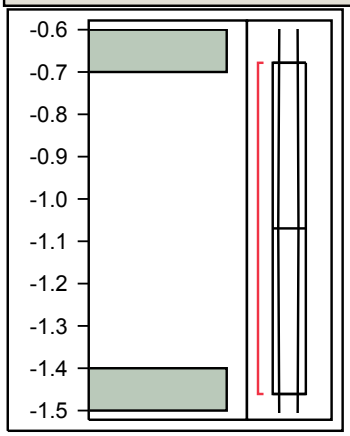
Distributions Analyte_Detection=Benzo(k)fluoranthene Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Benzo(k)fluoranthene Other

ZScore



Quantiles

100.0%	maximum	-0.68
99.5%		-0.68
97.5%		-0.68
90.0%		-0.68
75.0%	quartile	-0.68
50.0%	median	-1.07
25.0%	quartile	-1.46
10.0%		-1.46
2.5%		-1.46
0.5%		-1.46
0.0%	minimum	-1.46

Moments

Mean	-1.07
Std Dev	0.5515433
Std Err Mean	0.39
Upper 95% Mean	3.8854198
Lower 95% Mean	-6.02542
N	2

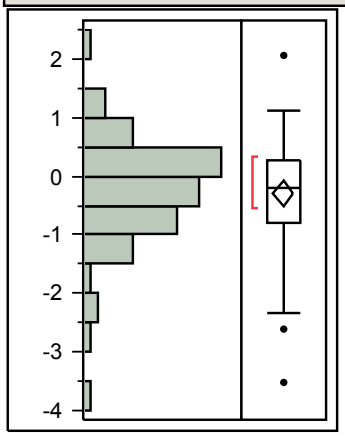
Distributions Analyte_Detection=Benzo(k)fluoranthene
SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Benzo(k)fluoranthene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.06
99.5%		2.06
97.5%		1.3
90.0%		0.77
75.0%	quartile	0.28
50.0%	median	-0.21
25.0%	quartile	-0.81
10.0%		-1.362
2.5%		-2.792
0.5%		-3.52
0.0%	minimum	-3.52

Moments

Mean	-0.292113
Std Dev	0.9148956
Std Err Mean	0.1085781
Upper 95% Mean	-0.07556
Lower 95% Mean	-0.508665
N	71

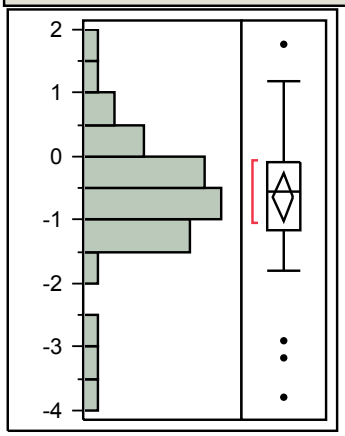
Distributions Analyte_Detection=beta-BHC SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=beta-BHC SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.77
99.5%		1.77
97.5%		1.77
90.0%		0.575
75.0%	quartile	-0.0725
50.0%	median	-0.55
25.0%	quartile	-1.1475
10.0%		-2.123
2.5%		-3.79
0.5%		-3.79
0.0%	minimum	-3.79

Moments

Mean	-0.641389
Std Dev	1.1006677
Std Err Mean	0.1834446
Upper 95% Mean	-0.268977
Lower 95% Mean	-1.013801
N	36

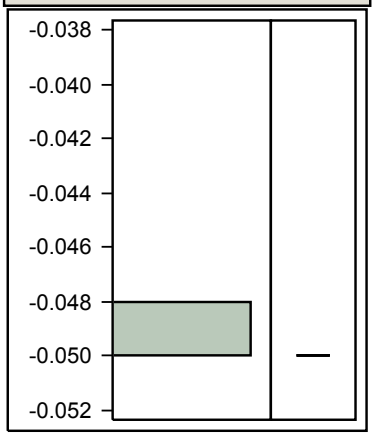
Distributions Analyte_Detection=bis(2-chloroethoxy)methane Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=bis(2-chloroethoxy)methane Other

ZScore



Quantiles

100.0%	maximum	-0.05
99.5%		-0.05
97.5%		-0.05
90.0%		-0.05
75.0%	quartile	-0.05
50.0%	median	-0.05
25.0%	quartile	-0.05
10.0%		-0.05
2.5%		-0.05
0.5%		-0.05
0.0%	minimum	-0.05

Moments

Mean	-0.05
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

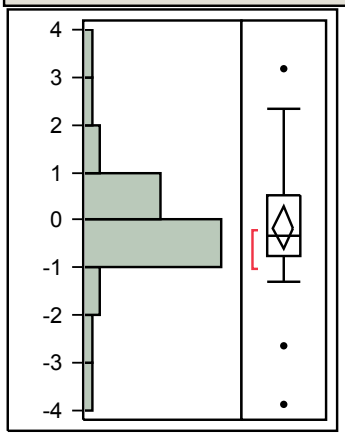
Distributions Analyte_Detection=bis(2-chloroethoxy)methane SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=bis(2-chloroethoxy)methane SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.18
99.5%		3.18
97.5%		3.18
90.0%		1.718
75.0%	quartile	0.52
50.0%	median	-0.34
25.0%	quartile	-0.735
10.0%		-1.194
2.5%		-3.87
0.5%		-3.87
0.0%	minimum	-3.87

Moments

Mean	-0.159697
Std Dev	1.2852832
Std Err Mean	0.2237391
Upper 95% Mean	0.2960447
Lower 95% Mean	-0.615439
N	33

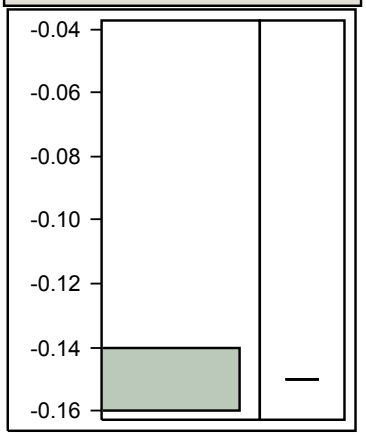
Distributions Analyte_Detection=bis(2-chloroethyl)ether Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=bis(2-chloroethyl)ether Other

ZScore



Quantiles

100.0%	maximum	-0.15
99.5%		-0.15
97.5%		-0.15
90.0%		-0.15
75.0%	quartile	-0.15
50.0%	median	-0.15
25.0%	quartile	-0.15
10.0%		-0.15
2.5%		-0.15
0.5%		-0.15
0.0%	minimum	-0.15

Moments

Mean	-0.15
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

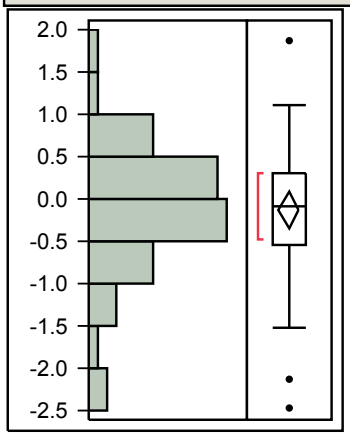
Distributions Analyte_Detection=bis(2-chloroethyl)ether SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=bis(2-chloroethyl)ether SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.87
99.5%		1.87
97.5%		1.642
90.0%		0.746
75.0%	quartile	0.3
50.0%	median	-0.09
25.0%	quartile	-0.54
10.0%		-1.176
2.5%		-2.368
0.5%		-2.47
0.0%	minimum	-2.47

Moments

Mean	-0.128039
Std Dev	0.7823273
Std Err Mean	0.1095477
Upper 95% Mean	0.0919939
Lower 95% Mean	-0.348072
N	51

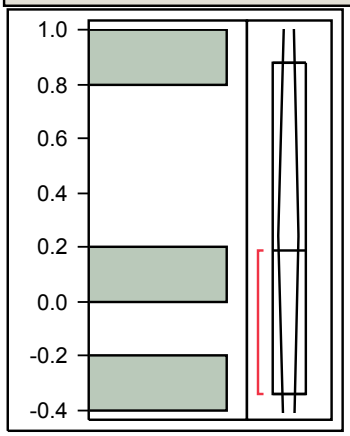
Distributions Analyte_Detection=bis(2-chloroisopropyl)ether Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=bis(2-chloroisopropyl)ether Other

ZScore



Quantiles

100.0%	maximum	0.88
99.5%		0.88
97.5%		0.88
90.0%		0.88
75.0%	quartile	0.88
50.0%	median	0.19
25.0%	quartile	-0.34
10.0%		-0.34
2.5%		-0.34
0.5%		-0.34
0.0%	minimum	-0.34

Moments

Mean	0.2433333
Std Dev	0.6117461
Std Err Mean	0.3531918
Upper 95% Mean	1.762995
Lower 95% Mean	-1.276328
N	3

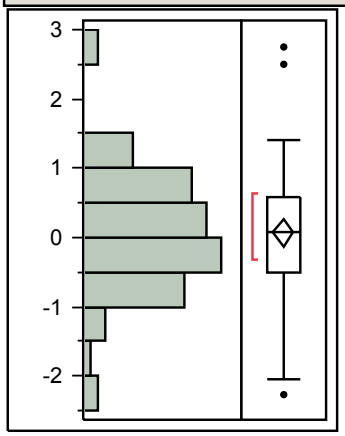
Distributions Analyte_Detection=bis(2-chloroisopropyl)ether SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=bis(2-chloroisopropyl)ether SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.75
99.5%		2.75
97.5%		2.47275
90.0%		1.134
75.0%	quartile	0.57
50.0%	median	0.07
25.0%	quartile	-0.52
10.0%		-0.82
2.5%		-2.058
0.5%		-2.27
0.0%	minimum	-2.27

Moments

Mean	0.070875
Std Dev	0.8684836
Std Err Mean	0.0970994
Upper 95% Mean	0.2641466
Lower 95% Mean	-0.122397
N	80

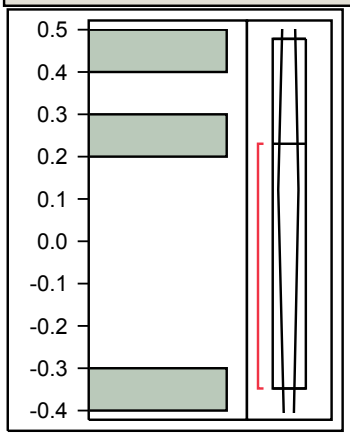
Distributions Analyte_Detection=Bis(2-ethylhexyl)phthalate Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Bis(2-ethylhexyl)phthalate Other

ZScore



Quantiles

100.0%	maximum	0.48
99.5%		0.48
97.5%		0.48
90.0%		0.48
75.0%	quartile	0.48
50.0%	median	0.23
25.0%	quartile	-0.35
10.0%		-0.35
2.5%		-0.35
0.5%		-0.35
0.0%	minimum	-0.35

Moments

Mean	0.12
Std Dev	0.4257934
Std Err Mean	0.2458319
Upper 95% Mean	1.1777294
Lower 95% Mean	-0.937729
N	3

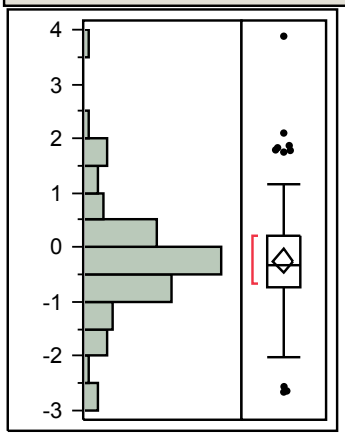
Distributions Analyte_Detection=Bis(2-ethylhexyl)phthalate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Bis(2-ethylhexyl)phthalate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.88
99.5%		3.88
97.5%		2.03675
90.0%		1.094
75.0%	quartile	0.2
50.0%	median	-0.345
25.0%	quartile	-0.7175
10.0%		-1.514
2.5%		-2.618
0.5%		-2.66
0.0%	minimum	-2.66

Moments

Mean	-0.251111
Std Dev	1.0487568
Std Err Mean	0.1105487
Upper 95% Mean	-0.031453
Lower 95% Mean	-0.470769
N	90

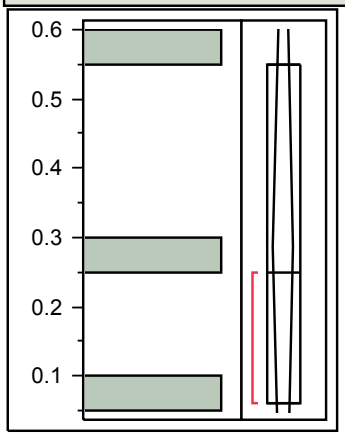
Distributions Analyte_Detection=Butylbenzylphthalate Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Butylbenzylphthalate Other

ZScore



Quantiles

100.0%	maximum	0.55
99.5%		0.55
97.5%		0.55
90.0%		0.55
75.0%	quartile	0.55
50.0%	median	0.25
25.0%	quartile	0.06
10.0%		0.06
2.5%		0.06
0.5%		0.06
0.0%	minimum	0.06

Moments

Mean	0.2866667
Std Dev	0.2470493
Std Err Mean	0.142634
Upper 95% Mean	0.900371
Lower 95% Mean	-0.327038
N	3

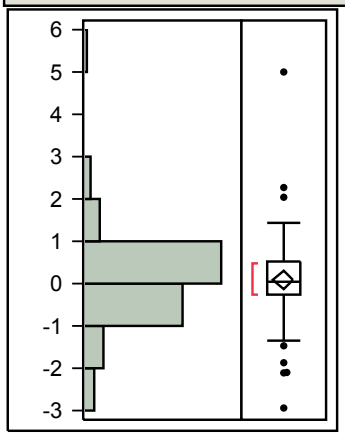
Distributions Analyte_Detection=Butylbenzylphthalate
SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Butylbenzylphthalate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	5
99.5%		5
97.5%		2.22975
90.0%		1.005
75.0%	quartile	0.505
50.0%	median	0.065
25.0%	quartile	-0.255
10.0%		-1.041
2.5%		-2.1083
0.5%		-2.94
0.0%	minimum	-2.94

Moments

Mean	0.0902326
Std Dev	0.9962411
Std Err Mean	0.1074274
Upper 95% Mean	0.3038271
Lower 95% Mean	-0.123362
N	86

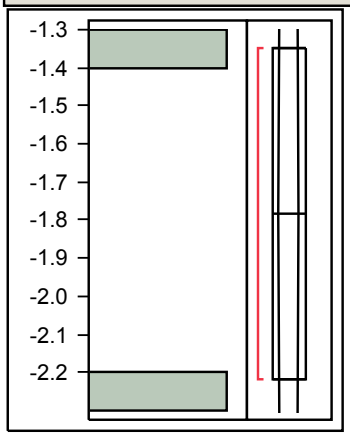
Distributions Analyte_Detection=Chrysene Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Chrysene Other

ZScore



Quantiles

100.0%	maximum	-1.35
99.5%		-1.35
97.5%		-1.35
90.0%		-1.35
75.0%	quartile	-1.35
50.0%	median	-1.785
25.0%	quartile	-2.22
10.0%		-2.22
2.5%		-2.22
0.5%		-2.22
0.0%	minimum	-2.22

Moments

Mean	-1.785
Std Dev	0.6151829
Std Err Mean	0.435
Upper 95% Mean	3.7421991
Lower 95% Mean	-7.312199
N	2

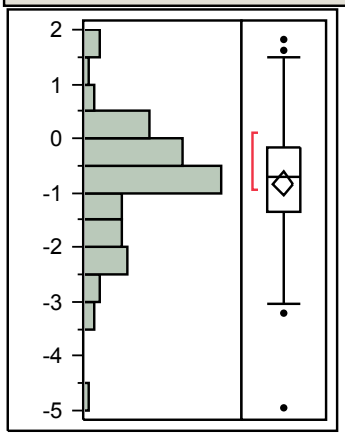
Distributions Analyte_Detection=Chrysene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Chrysene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.82
99.5%		1.82
97.5%		1.59
90.0%		0.19
75.0%	quartile	-0.18
50.0%	median	-0.71
25.0%	quartile	-1.35
10.0%		-2.29
2.5%		-3.17
0.5%		-4.95
0.0%	minimum	-4.95

Moments

Mean	-0.824382
Std Dev	1.096914
Std Err Mean	0.1162727
Upper 95% Mean	-0.593315
Lower 95% Mean	-1.055449
N	89

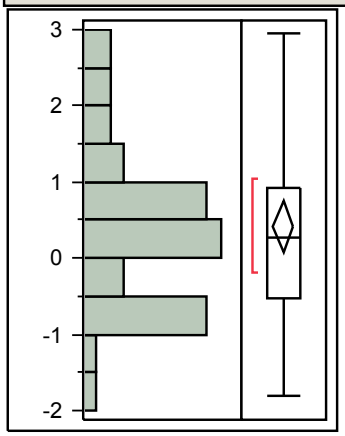
Distributions Analyte_Detection=delta-BHC SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=delta-BHC SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	2.95
99.5%		2.95
97.5%		2.932
90.0%		2.224
75.0%	quartile	0.92
50.0%	median	0.265
25.0%	quartile	-0.53
10.0%		-0.765
2.5%		-1.7778
0.5%		-1.81
0.0%	minimum	-1.81

Moments

Mean	0.4080952
Std Dev	1.0811652
Std Err Mean	0.1668274
Upper 95% Mean	0.74501
Lower 95% Mean	0.0711804
N	42

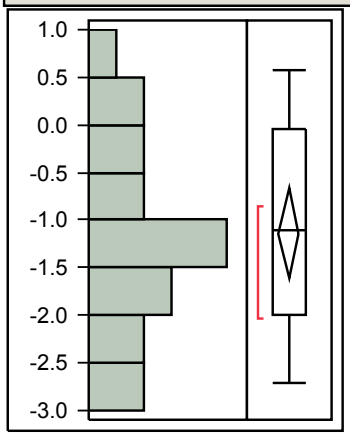
Distributions Analyte_Detection=Dibenzo(a,h)anthracene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Dibenzo(a,h)anthracene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	0.57
99.5%		0.57
97.5%		0.57
90.0%		0.09
75.0%	quartile	-0.05
50.0%	median	-1.1
25.0%	quartile	-2
10.0%		-2.58
2.5%		-2.71
0.5%		-2.71
0.0%	minimum	-2.71

Moments

Mean	-1.137895
Std Dev	0.9683065
Std Err Mean	0.2221448
Upper 95% Mean	-0.671186
Lower 95% Mean	-1.604604
N	19

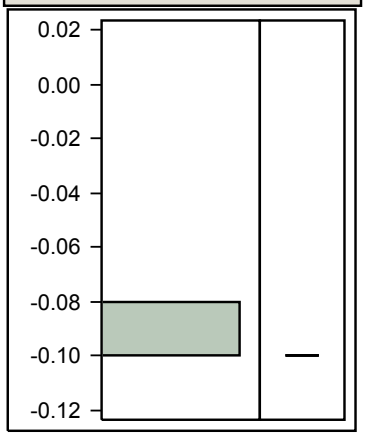
Distributions Analyte_Detection=Dibenzofuran Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Dibenzofuran Other

ZScore



Quantiles

100.0%	maximum	-0.1
99.5%		-0.1
97.5%		-0.1
90.0%		-0.1
75.0%	quartile	-0.1
50.0%	median	-0.1
25.0%	quartile	-0.1
10.0%		-0.1
2.5%		-0.1
0.5%		-0.1
0.0%	minimum	-0.1

Moments

Mean	-0.1
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

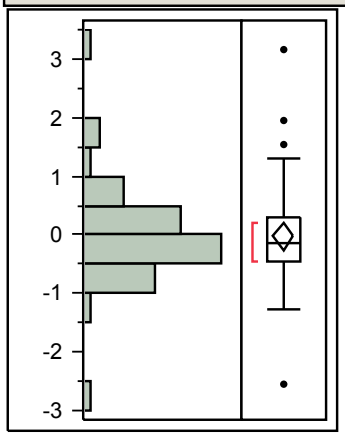
Distributions Analyte_Detection=Dibenzofuran SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Dibenzofuran SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.16
99.5%		3.16
97.5%		2.8575
90.0%		0.93
75.0%	quartile	0.285
50.0%	median	-0.14
25.0%	quartile	-0.45
10.0%		-0.87
2.5%		-2.23
0.5%		-2.55
0.0%	minimum	-2.55

Moments

Mean	-0.029796
Std Dev	0.8579615
Std Err Mean	0.1225659
Upper 95% Mean	0.2166394
Lower 95% Mean	-0.276231
N	49

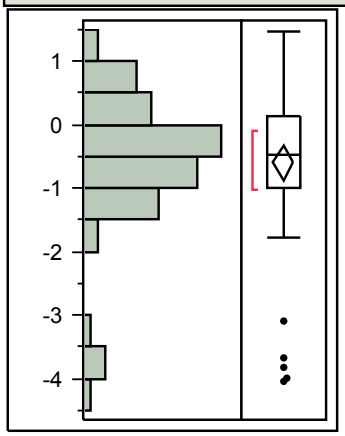
Distributions Analyte_Detection=Dieldrin SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Dieldrin SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.48
99.5%		1.48
97.5%		1.19
90.0%		0.527
75.0%	quartile	0.1325
50.0%	median	-0.46
25.0%	quartile	-0.9925
10.0%		-1.653
2.5%		-4.0038
0.5%		-4.04
0.0%	minimum	-4.04

Moments

Mean	-0.592647
Std Dev	1.1187901
Std Err Mean	0.1356732
Upper 95% Mean	-0.321842
Lower 95% Mean	-0.863452
N	68

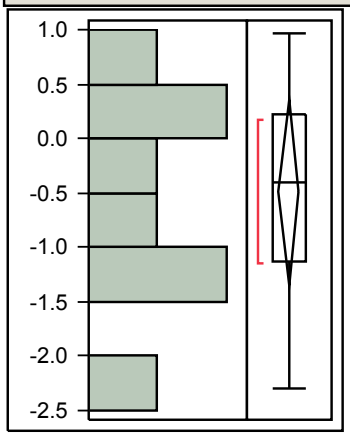
Distributions Analyte_Detection=Dieldrin SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Dieldrin SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	0.96
99.5%		0.96
97.5%		0.96
90.0%		0.96
75.0%	quartile	0.2225
50.0%	median	-0.405
25.0%	quartile	-1.135
10.0%		-2.29
2.5%		-2.29
0.5%		-2.29
0.0%	minimum	-2.29

Moments

Mean	-0.49625
Std Dev	1.022545
Std Err Mean	0.3615242
Upper 95% Mean	0.358619
Lower 95% Mean	-1.351119
N	8

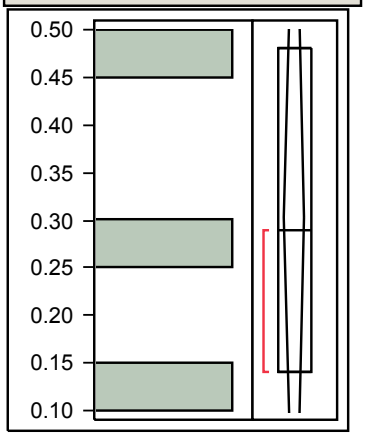
Distributions Analyte_Detection=Diethylphthalate Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Diethylphthalate Other

ZScore



Quantiles

100.0%	maximum	0.48
99.5%		0.48
97.5%		0.48
90.0%		0.48
75.0%	quartile	0.48
50.0%	median	0.29
25.0%	quartile	0.14
10.0%		0.14
2.5%		0.14
0.5%		0.14
0.0%	minimum	0.14

Moments

Mean	0.3033333
Std Dev	0.1703917
Std Err Mean	0.0983757
Upper 95% Mean	0.7266098
Lower 95% Mean	-0.119943
N	3

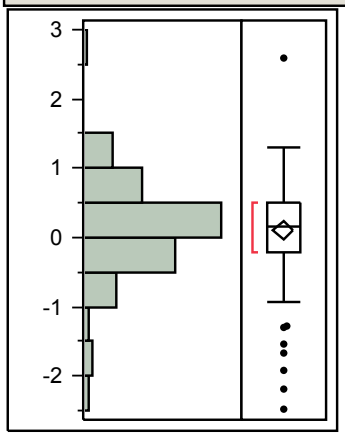
Distributions Analyte_Detection=Diethylphthalate
SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Diethylphthalate
SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.59
99.5%		2.59
97.5%		1.24775
90.0%		0.912
75.0%	quartile	0.495
50.0%	median	0.16
25.0%	quartile	-0.2125
10.0%		-0.816
2.5%		-1.8763
0.5%		-2.48
0.0%	minimum	-2.48

Moments

Mean	0.1011905
Std Dev	0.720445
Std Err Mean	0.0641823
Upper 95% Mean	0.2282153
Lower 95% Mean	-0.025834
N	126

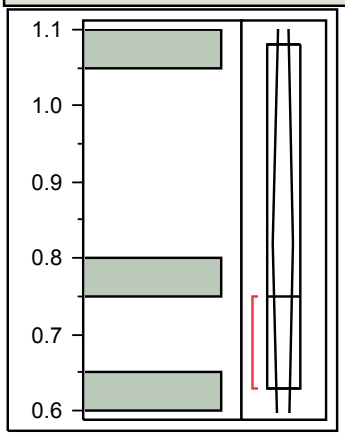
Distributions
Analyte_Detection=Dimethylphthalate Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Dimethylphthalate Other

ZScore



Quantiles

100.0%	maximum	1.08
99.5%		1.08
97.5%		1.08
90.0%		1.08
75.0%	quartile	1.08
50.0%	median	0.75
25.0%	quartile	0.63
10.0%		0.63
2.5%		0.63
0.5%		0.63
0.0%	minimum	0.63

Moments

Mean	0.82
Std Dev	0.2330236
Std Err Mean	0.1345362
Upper 95% Mean	1.3988627
Lower 95% Mean	0.2411373
N	3

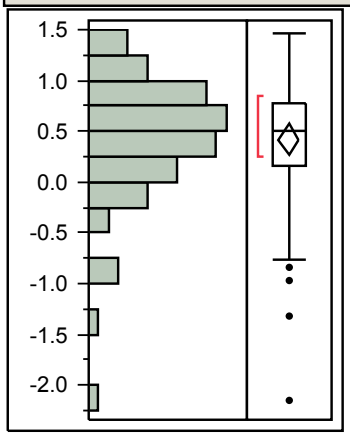
Distributions Analyte_Detection=Dimethylphthalate
SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Dimethylphthalate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.46
99.5%		1.46
97.5%		1.46
90.0%		1.144
75.0%	quartile	0.78
50.0%	median	0.51
25.0%	quartile	0.16
10.0%		-0.322
2.5%		-1.486
0.5%		-2.15
0.0%	minimum	-2.15

Moments

Mean	0.4194366
Std Dev	0.6342687
Std Err Mean	0.0752738
Upper 95% Mean	0.5695656
Lower 95% Mean	0.2693077
N	71

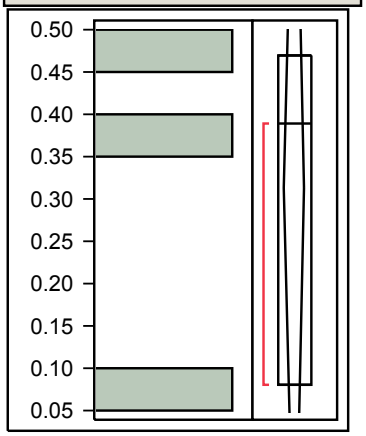
Distributions Analyte_Detection=Di-n-butylphthalate Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Di-n-butylphthalate Other

ZScore



Quantiles

100.0%	maximum	0.47
99.5%		0.47
97.5%		0.47
90.0%		0.47
75.0%	quartile	0.47
50.0%	median	0.39
25.0%	quartile	0.08
10.0%		0.08
2.5%		0.08
0.5%		0.08
0.0%	minimum	0.08

Moments

Mean	0.3133333
Std Dev	0.2059935
Std Err Mean	0.1189304
Upper 95% Mean	0.8250496
Lower 95% Mean	-0.198383
N	3

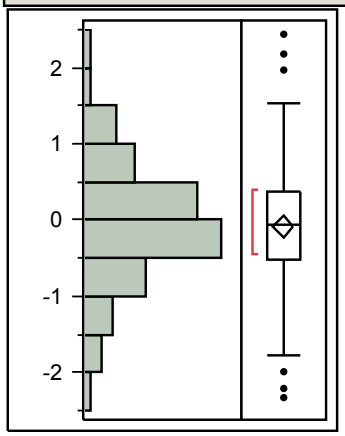
Distributions Analyte_Detection=Di-n-butylphthalate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Di-n-butylphthalate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.44
99.5%		2.44
97.5%		1.882
90.0%		1.014
75.0%	quartile	0.37
50.0%	median	-0.07
25.0%	quartile	-0.51
10.0%		-1.212
2.5%		-1.946
0.5%		-2.33
0.0%	minimum	-2.33

Moments

Mean	-0.074409
Std Dev	0.8229464
Std Err Mean	0.0730247
Upper 95% Mean	0.0701042
Lower 95% Mean	-0.218923
N	127

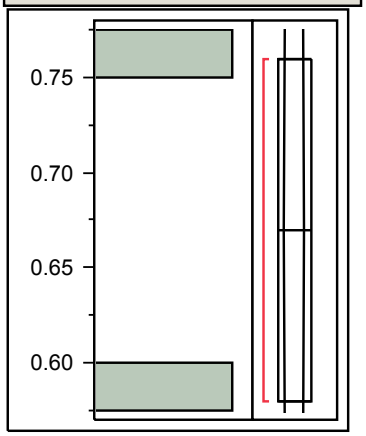
Distributions Analyte_Detection=Di-n-octylphthalate Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Di-n-octylphthalate Other

ZScore



Quantiles

100.0%	maximum	0.76
99.5%		0.76
97.5%		0.76
90.0%		0.76
75.0%	quartile	0.76
50.0%	median	0.67
25.0%	quartile	0.58
10.0%		0.58
2.5%		0.58
0.5%		0.58
0.0%	minimum	0.58

Moments

Mean	0.67
Std Dev	0.1272792
Std Err Mean	0.09
Upper 95% Mean	1.8135584
Lower 95% Mean	-0.473558
N	2

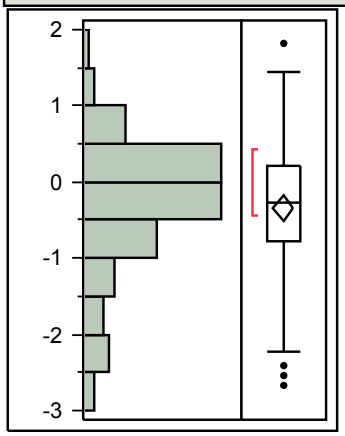
Distributions Analyte_Detection=Di-n-octylphthalate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Di-n-octylphthalate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.82
99.5%		1.82
97.5%		1.28125
90.0%		0.595
75.0%	quartile	0.2075
50.0%	median	-0.28
25.0%	quartile	-0.7775
10.0%		-1.63
2.5%		-2.4913
0.5%		-2.67
0.0%	minimum	-2.67

Moments

Mean	-0.346489
Std Dev	0.857553
Std Err Mean	0.0884498
Upper 95% Mean	-0.170846
Lower 95% Mean	-0.522133
N	94

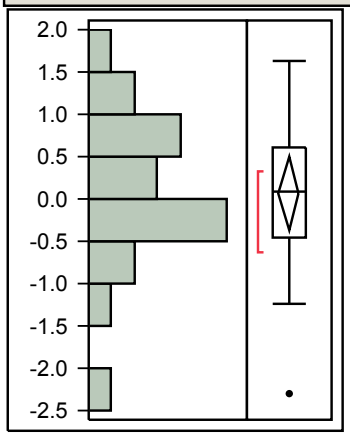
Distributions Analyte_Detection=Endosulfan II SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Endosulfan II SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.63
99.5%		1.63
97.5%		1.63
90.0%		1.336
75.0%	quartile	0.6
50.0%	median	0.08
25.0%	quartile	-0.465
10.0%		-1.188
2.5%		-2.3
0.5%		-2.3
0.0%	minimum	-2.3

Moments

Mean	0.0615
Std Dev	0.9142226
Std Err Mean	0.2044264
Upper 95% Mean	0.4893693
Lower 95% Mean	-0.366369
N	20

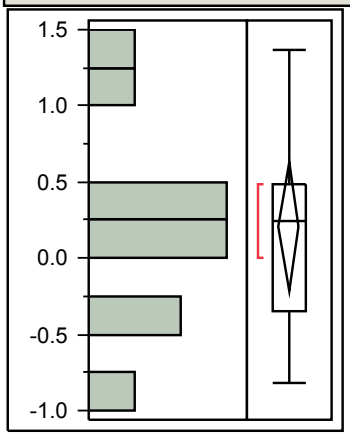
Distributions Analyte_Detection=Endosulfan sulfate SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Endosulfan sulfate SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.37
99.5%		1.37
97.5%		1.37
90.0%		1.302
75.0%	quartile	0.48
50.0%	median	0.24
25.0%	quartile	-0.35
10.0%		-0.738
2.5%		-0.82
0.5%		-0.82
0.0%	minimum	-0.82

Moments

Mean	0.2118182
Std Dev	0.6318357
Std Err Mean	0.1905056
Upper 95% Mean	0.6362912
Lower 95% Mean	-0.212655
N	11

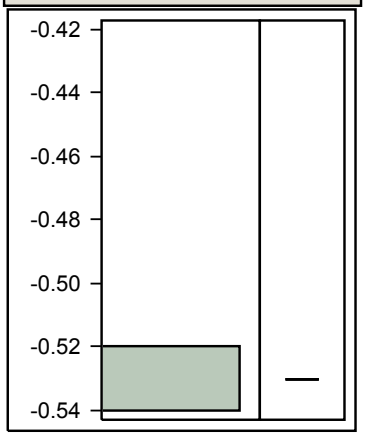
Distributions Analyte_Detection=Endosulfan sulfate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Endosulfan sulfate SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	-0.53
99.5%		-0.53
97.5%		-0.53
90.0%		-0.53
75.0%	quartile	-0.53
50.0%	median	-0.53
25.0%	quartile	-0.53
10.0%		-0.53
2.5%		-0.53
0.5%		-0.53
0.0%	minimum	-0.53

Moments

Mean	-0.53
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

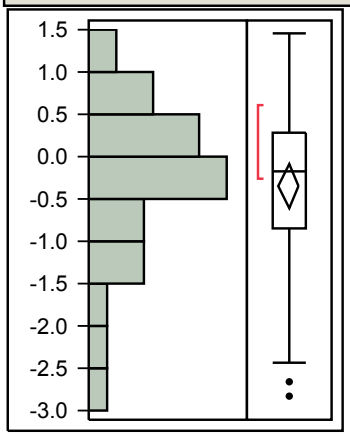
Distributions Analyte_Detection=Endrin Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Endrin SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.45
99.5%		1.45
97.5%		1.422
90.0%		0.574
75.0%	quartile	0.28
50.0%	median	-0.18
25.0%	quartile	-0.84
10.0%		-1.684
2.5%		-2.762
0.5%		-2.83
0.0%	minimum	-2.83

Moments

Mean	-0.352182
Std Dev	0.9424175
Std Err Mean	0.1270755
Upper 95% Mean	-0.097411
Lower 95% Mean	-0.606953
N	55

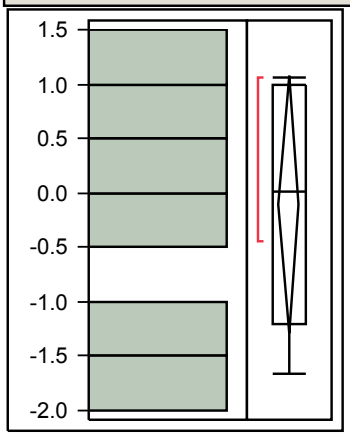
Distributions Analyte_Detection=Endrin SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Endrin SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.06
99.5%		1.06
97.5%		1.06
90.0%		1.06
75.0%	quartile	0.9925
50.0%	median	0.02
25.0%	quartile	-1.2125
10.0%		-1.67
2.5%		-1.67
0.5%		-1.67
0.0%	minimum	-1.67

Moments

Mean	-0.11
Std Dev	1.1250244
Std Err Mean	0.4592893
Upper 95% Mean	1.0706407
Lower 95% Mean	-1.290641
N	6

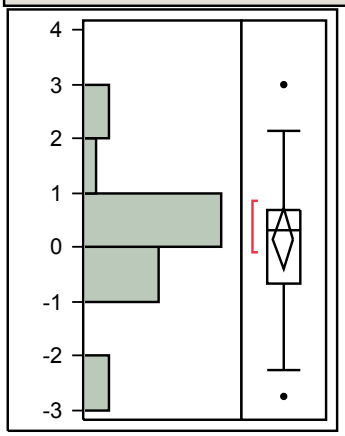
Distributions Analyte_Detection=Endrin Aldehyde SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Endrin Aldehyde SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	2.99
99.5%		2.99
97.5%		2.99
90.0%		1.906
75.0%	quartile	0.69
50.0%	median	0.32
25.0%	quartile	-0.6675
10.0%		-1.817
2.5%		-2.74
0.5%		-2.74
0.0%	minimum	-2.74

Moments

Mean	0.1472727
Std Dev	1.2570532
Std Err Mean	0.2680046
Upper 95% Mean	0.7046189
Lower 95% Mean	-0.410073
N	22

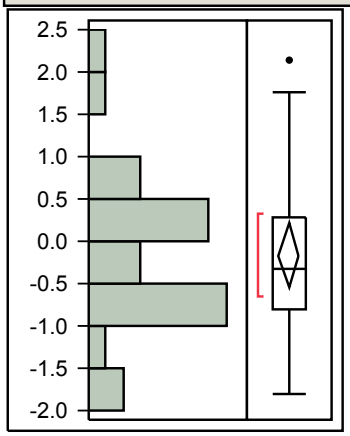
Distributions Analyte_Detection=Endrin Ketone SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Endrin Ketone SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	2.14
99.5%		2.14
97.5%		2.14
90.0%		1.098
75.0%	quartile	0.275
50.0%	median	-0.32
25.0%	quartile	-0.8
10.0%		-1.423
2.5%		-1.81
0.5%		-1.81
0.0%	minimum	-1.81

Moments

Mean	-0.165385
Std Dev	0.9302569
Std Err Mean	0.1824384
Upper 95% Mean	0.2103543
Lower 95% Mean	-0.541123
N	26

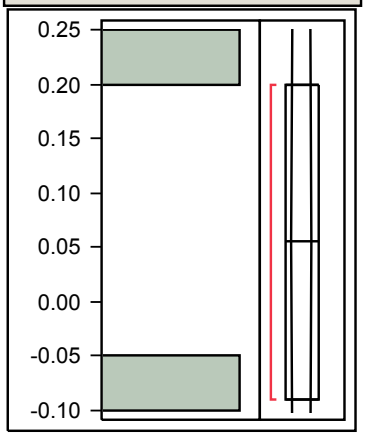
Distributions Analyte_Detection=Fluoranthene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Fluoranthene Other

ZScore



Quantiles

100.0%	maximum	0.2
99.5%		0.2
97.5%		0.2
90.0%		0.2
75.0%	quartile	0.2
50.0%	median	0.055
25.0%	quartile	-0.09
10.0%		-0.09
2.5%		-0.09
0.5%		-0.09
0.0%	minimum	-0.09

Moments

Mean	0.055
Std Dev	0.205061
Std Err Mean	0.145
Upper 95% Mean	1.8973997
Lower 95% Mean	-1.7874
N	2

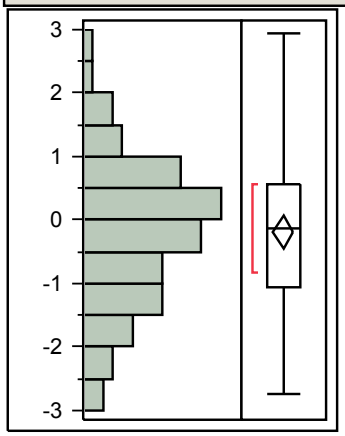
Distributions Analyte_Detection=Fluoranthene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Fluoranthene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.93
99.5%		2.93
97.5%		2.49
90.0%		1.384
75.0%	quartile	0.56
50.0%	median	-0.12
25.0%	quartile	-1.05
10.0%		-1.778
2.5%		-2.692
0.5%		-2.74
0.0%	minimum	-2.74

Moments

Mean	-0.190704
Std Dev	1.1501755
Std Err Mean	0.1365007
Upper 95% Mean	0.0815379
Lower 95% Mean	-0.462946
N	71

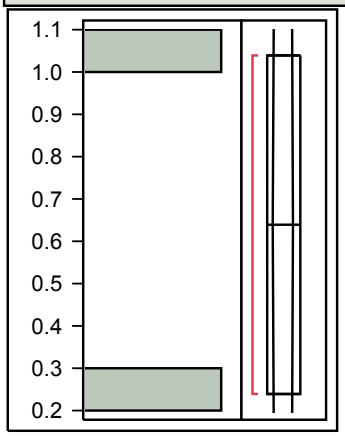
Distributions Analyte_Detection=Fluorene Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Fluorene Other

ZScore



Quantiles

100.0%	maximum	1.04
99.5%		1.04
97.5%		1.04
90.0%		1.04
75.0%	quartile	1.04
50.0%	median	0.64
25.0%	quartile	0.24
10.0%		0.24
2.5%		0.24
0.5%		0.24
0.0%	minimum	0.24

Moments

Mean	0.64
Std Dev	0.5656854
Std Err Mean	0.4
Upper 95% Mean	5.7224819
Lower 95% Mean	-4.442482
N	2

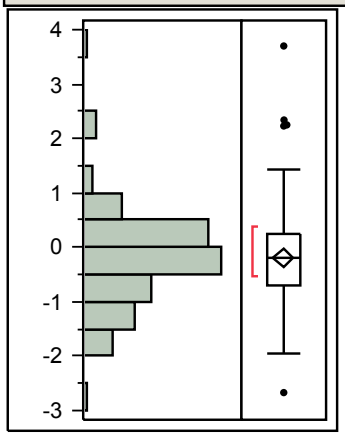
Distributions Analyte_Detection=Fluorene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Fluorene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.7
99.5%		3.7
97.5%		2.26575
90.0%		0.79
75.0%	quartile	0.2625
50.0%	median	-0.195
25.0%	quartile	-0.71
10.0%		-1.327
2.5%		-1.9023
0.5%		-2.67
0.0%	minimum	-2.67

Moments

Mean	-0.201875
Std Dev	0.9293033
Std Err Mean	0.0878109
Upper 95% Mean	-0.027872
Lower 95% Mean	-0.375878
N	112

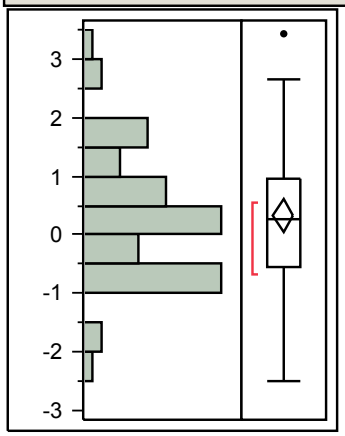
Distributions Analyte_Detection=gamma-BHC (Lindane) Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=gamma-BHC (Lindane) SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	3.43
99.5%		3.43
97.5%		2.9815
90.0%		1.905
75.0%	quartile	0.9525
50.0%	median	0.27
25.0%	quartile	-0.54
10.0%		-0.943
2.5%		-2.1838
0.5%		-2.5
0.0%	minimum	-2.5

Moments

Mean	0.3229032
Std Dev	1.1292597
Std Err Mean	0.1434161
Upper 95% Mean	0.6096815
Lower 95% Mean	0.036125
N	62

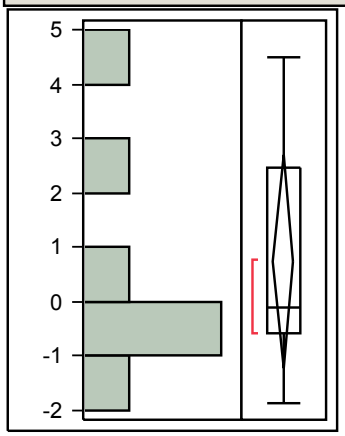
Distributions Analyte_Detection=gamma-BHC (Lindane) SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=gamma-BHC (Lindane) SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	4.5
99.5%		4.5
97.5%		4.5
90.0%		4.5
75.0%	quartile	2.47
50.0%	median	-0.09
25.0%	quartile	-0.57
10.0%		-1.85
2.5%		-1.85
0.5%		-1.85
0.0%	minimum	-1.85

Moments

Mean	0.7285714
Std Dev	2.1206401
Std Err Mean	0.8015266
Upper 95% Mean	2.6898364
Lower 95% Mean	-1.232694
N	7

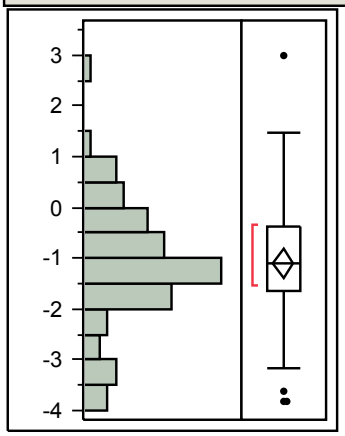
Distributions Analyte_Detection=Heptachlor Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Heptachlor SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	2.99
99.5%		2.99
97.5%		1.8425
90.0%		0.3
75.0%	quartile	-0.385
50.0%	median	-1.11
25.0%	quartile	-1.655
10.0%		-3.01
2.5%		-3.82
0.5%		-3.82
0.0%	minimum	-3.82

Moments

Mean	-1.091884
Std Dev	1.2162869
Std Err Mean	0.1464237
Upper 95% Mean	-0.7997
Lower 95% Mean	-1.384068
N	69

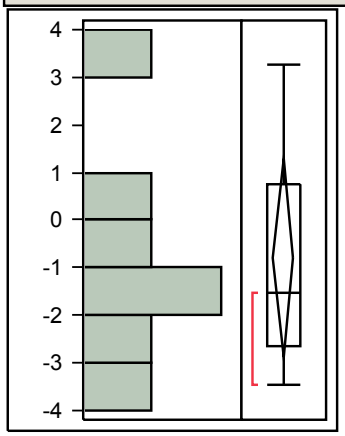
Distributions Analyte_Detection=Heptachlor SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Heptachlor SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.27
99.5%		3.27
97.5%		3.27
90.0%		3.27
75.0%	quartile	0.75
50.0%	median	-1.51
25.0%	quartile	-2.63
10.0%		-3.44
2.5%		-3.44
0.5%		-3.44
0.0%	minimum	-3.44

Moments

Mean	-0.79
Std Dev	2.2588419
Std Err Mean	0.853762
Upper 95% Mean	1.2990803
Lower 95% Mean	-2.87908
N	7

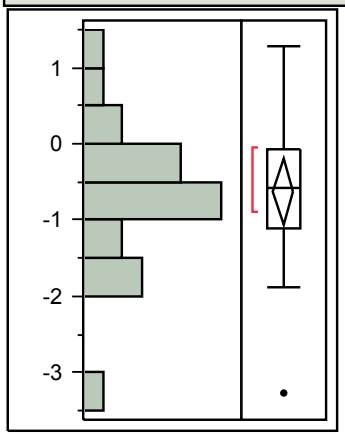
Distributions Analyte_Detection=Heptachlor epoxide SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Heptachlor epoxide SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.28
99.5%		1.28
97.5%		1.28
90.0%		0.574
75.0%	quartile	-0.065
50.0%	median	-0.58
25.0%	quartile	-1.105
10.0%		-1.831
2.5%		-3.27
0.5%		-3.27
0.0%	minimum	-3.27

Moments

Mean	-0.623182
Std Dev	0.9742024
Std Err Mean	0.2077007
Upper 95% Mean	-0.191245
Lower 95% Mean	-1.055119
N	22

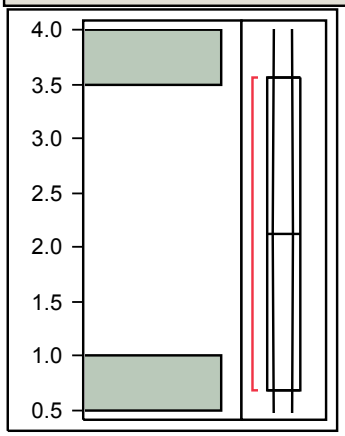
Distributions Analyte_Detection=Heptachlor epoxide SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Heptachlor epoxide SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.56
99.5%		3.56
97.5%		3.56
90.0%		3.56
75.0%	quartile	3.56
50.0%	median	2.125
25.0%	quartile	0.69
10.0%		0.69
2.5%		0.69
0.5%		0.69
0.0%	minimum	0.69

Moments

Mean	2.125
Std Dev	2.0293965
Std Err Mean	1.435
Upper 95% Mean	20.358404
Lower 95% Mean	-16.1084
N	2

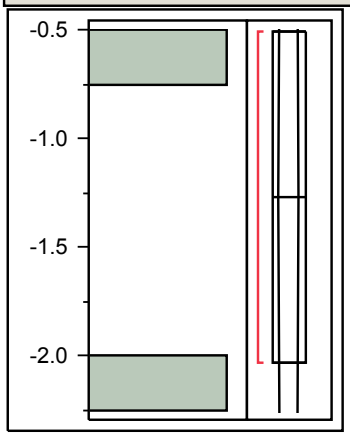
Distributions Analyte_Detection=Hexachlorobenzene Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Hexachlorobenzene Other

ZScore



Quantiles

100.0%	maximum	-0.51
99.5%		-0.51
97.5%		-0.51
90.0%		-0.51
75.0%	quartile	-0.51
50.0%	median	-1.27
25.0%	quartile	-2.03
10.0%		-2.03
2.5%		-2.03
0.5%		-2.03
0.0%	minimum	-2.03

Moments

Mean	-1.27
Std Dev	1.0748023
Std Err Mean	0.76
Upper 95% Mean	8.3867156
Lower 95% Mean	-10.92672
N	2

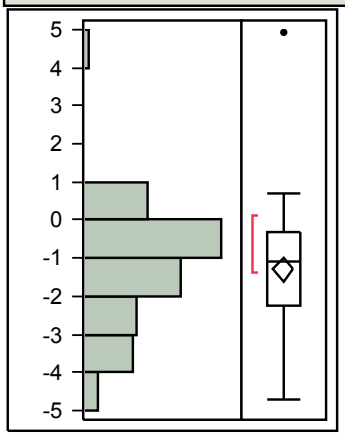
Distributions Analyte_Detection=Hexachlorobenzene
SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Hexachlorobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	4.93
99.5%		4.93
97.5%		0.66775
90.0%		0.302
75.0%	quartile	-0.32
50.0%	median	-1.08
25.0%	quartile	-2.26
10.0%		-3.654
2.5%		-4.4748
0.5%		-4.69
0.0%	minimum	-4.69

Moments

Mean	-1.302326
Std Dev	1.522262
Std Err Mean	0.1641497
Upper 95% Mean	-0.975952
Lower 95% Mean	-1.628699
N	86

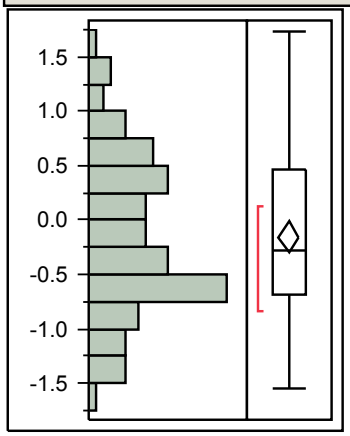
Distributions Analyte_Detection=Hexachlorobutadiene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Hexachlorobutadiene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.73
99.5%		1.73
97.5%		1.382
90.0%		0.862
75.0%	quartile	0.47
50.0%	median	-0.28
25.0%	quartile	-0.68
10.0%		-1.076
2.5%		-1.456
0.5%		-1.55
0.0%	minimum	-1.55

Moments

Mean	-0.152842
Std Dev	0.7333103
Std Err Mean	0.075236
Upper 95% Mean	-0.003459
Lower 95% Mean	-0.302225
N	95

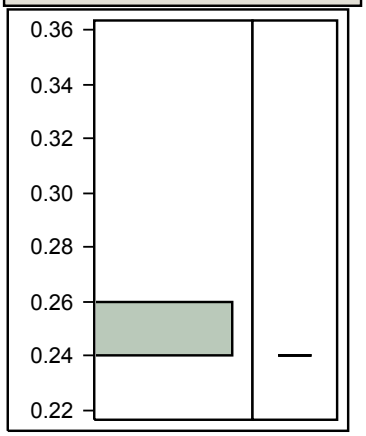
Distributions Analyte_Detection=Hexachlorocyclopentadiene Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Hexachlorocyclopentadiene Other

ZScore



Quantiles

100.0%	maximum	0.24
99.5%		0.24
97.5%		0.24
90.0%		0.24
75.0%	quartile	0.24
50.0%	median	0.24
25.0%	quartile	0.24
10.0%		0.24
2.5%		0.24
0.5%		0.24
0.0%	minimum	0.24

Moments

Mean	0.24
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

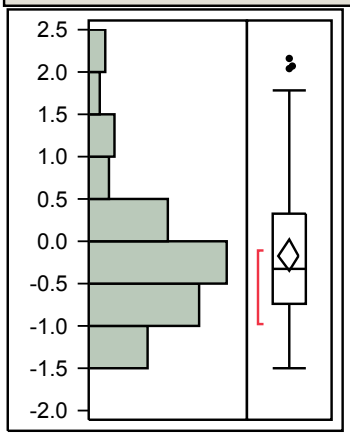
Distributions Analyte_Detection=Hexachlorocyclopentadiene
SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Hexachlorocyclopentadiene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.16
99.5%		2.16
97.5%		2.064
90.0%		1.036
75.0%	quartile	0.33
50.0%	median	-0.32
25.0%	quartile	-0.73
10.0%		-1.118
2.5%		-1.476
0.5%		-1.5
0.0%	minimum	-1.5

Moments

Mean	-0.164023
Std Dev	0.8356344
Std Err Mean	0.0895894
Upper 95% Mean	0.0140749
Lower 95% Mean	-0.342121
N	87

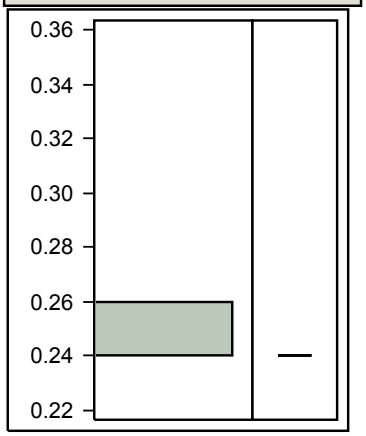
Distributions Analyte_Detection=Hexachloroethane Other

ZScore

OrW Distribution by Detection Method

Distributions
Analyte_Detection=Hexachloroethane Other

ZScore



Quantiles

100.0%	maximum	0.24
99.5%		0.24
97.5%		0.24
90.0%		0.24
75.0%	quartile	0.24
50.0%	median	0.24
25.0%	quartile	0.24
10.0%		0.24
2.5%		0.24
0.5%		0.24
0.0%	minimum	0.24

Moments

Mean	0.24
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

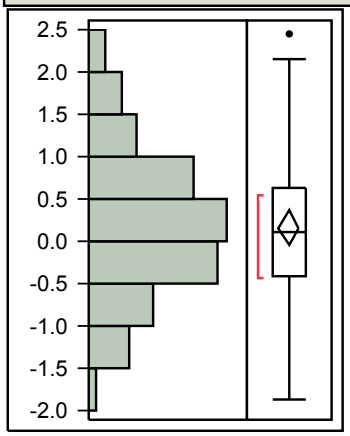
Distributions Analyte_Detection=Hexachloroethane
SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Hexachloroethane SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.45
99.5%		2.45
97.5%		2.2025
90.0%		1.338
75.0%	quartile	0.625
50.0%	median	0.105
25.0%	quartile	-0.42
10.0%		-0.964
2.5%		-1.563
0.5%		-1.86
0.0%	minimum	-1.86

Moments

Mean	0.1618056
Std Dev	0.8468622
Std Err Mean	0.0998037
Upper 95% Mean	0.3608084
Lower 95% Mean	-0.037197
N	72

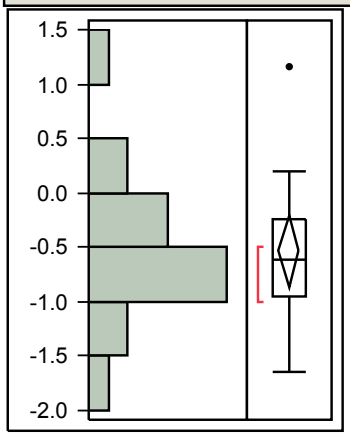
Distributions Analyte_Detection=Indeno(1,2,3-c,d)pyrene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Indeno(1,2,3-c,d)pyrene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.16
99.5%		1.16
97.5%		1.16
90.0%		0.384
75.0%	quartile	-0.24
50.0%	median	-0.62
25.0%	quartile	-0.955
10.0%		-1.224
2.5%		-1.64
0.5%		-1.64
0.0%	minimum	-1.64

Moments

Mean	-0.531765
Std Dev	0.6371149
Std Err Mean	0.1545231
Upper 95% Mean	-0.20419
Lower 95% Mean	-0.859339
N	17

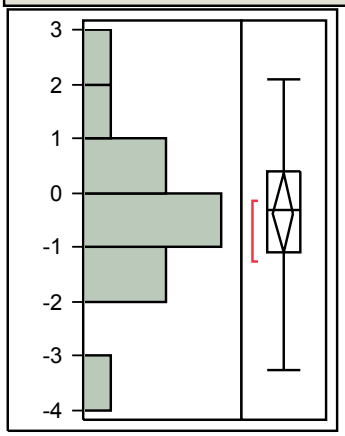
Distributions Analyte_Detection=Isophorone SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Isophorone SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.08
99.5%		2.08
97.5%		2.08
90.0%		1.57
75.0%	quartile	0.385
50.0%	median	-0.315
25.0%	quartile	-1.08
10.0%		-2.255
2.5%		-3.24
0.5%		-3.24
0.0%	minimum	-3.24

Moments

Mean	-0.370714
Std Dev	1.2627836
Std Err Mean	0.3374931
Upper 95% Mean	0.3583953
Lower 95% Mean	-1.099824
N	14

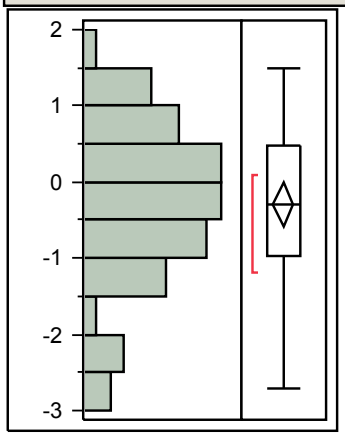
Distributions Analyte_Detection=Methoxychlor SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Methoxychlor SW-846 8081A Organochlorine Pesticides by Gas Chromatography

ZScore



Quantiles

100.0%	maximum	1.5
99.5%		1.5
97.5%		1.42875
90.0%		1.055
75.0%	quartile	0.48
50.0%	median	-0.29
25.0%	quartile	-0.96
10.0%		-1.86
2.5%		-2.7025
0.5%		-2.71
0.0%	minimum	-2.71

Moments

Mean	-0.299074
Std Dev	1.0424975
Std Err Mean	0.1418659
Upper 95% Mean	-0.014527
Lower 95% Mean	-0.583621
N	54

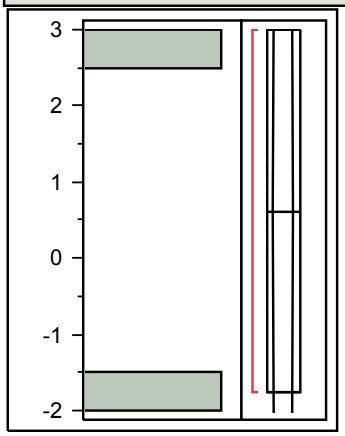
Distributions Analyte_Detection=Methoxychlor SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Methoxychlor SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.99
99.5%		2.99
97.5%		2.99
90.0%		2.99
75.0%	quartile	2.99
50.0%	median	0.615
25.0%	quartile	-1.76
10.0%		-1.76
2.5%		-1.76
0.5%		-1.76
0.0%	minimum	-1.76

Moments

Mean	0.615
Std Dev	3.3587572
Std Err Mean	2.375
Upper 95% Mean	30.792236
Lower 95% Mean	-29.56224
N	2

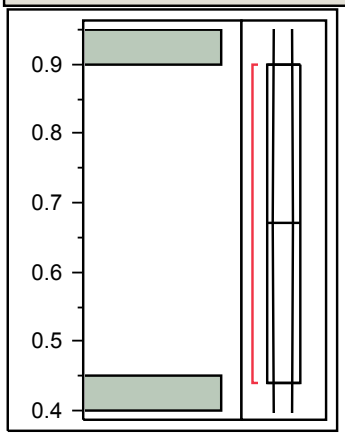
Distributions Analyte_Detection=Naphthalene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Naphthalene Other

ZScore



Quantiles

100.0%	maximum	0.9
99.5%		0.9
97.5%		0.9
90.0%		0.9
75.0%	quartile	0.9
50.0%	median	0.67
25.0%	quartile	0.44
10.0%		0.44
2.5%		0.44
0.5%		0.44
0.0%	minimum	0.44

Moments

Mean	0.67
Std Dev	0.3252691
Std Err Mean	0.23
Upper 95% Mean	3.5924271
Lower 95% Mean	-2.252427
N	2

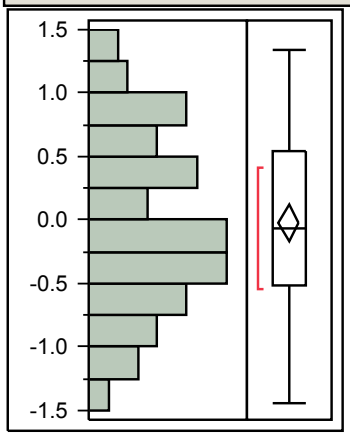
Distributions Analyte_Detection=Naphthalene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Naphthalene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.34
99.5%		1.34
97.5%		1.3095
90.0%		0.908
75.0%	quartile	0.54
50.0%	median	-0.07
25.0%	quartile	-0.51
10.0%		-0.966
2.5%		-1.2975
0.5%		-1.44
0.0%	minimum	-1.44

Moments

Mean	-0.021075
Std Dev	0.6892284
Std Err Mean	0.0714697
Upper 95% Mean	0.1208696
Lower 95% Mean	-0.16302
N	93

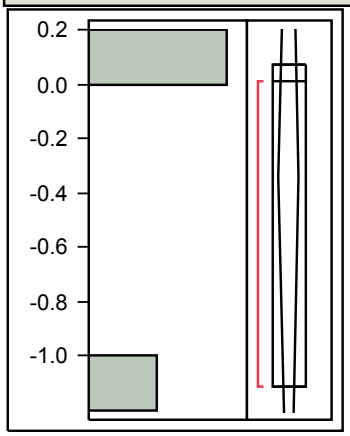
Distributions Analyte_Detection=Nitrobenzene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Nitrobenzene Other

ZScore



Quantiles

100.0%	maximum	0.07
99.5%		0.07
97.5%		0.07
90.0%		0.07
75.0%	quartile	0.07
50.0%	median	0.01
25.0%	quartile	-1.11
10.0%		-1.11
2.5%		-1.11
0.5%		-1.11
0.0%	minimum	-1.11

Moments

Mean	-0.343333
Std Dev	0.6646302
Std Err Mean	0.3837244
Upper 95% Mean	1.3076997
Lower 95% Mean	-1.994366
N	3

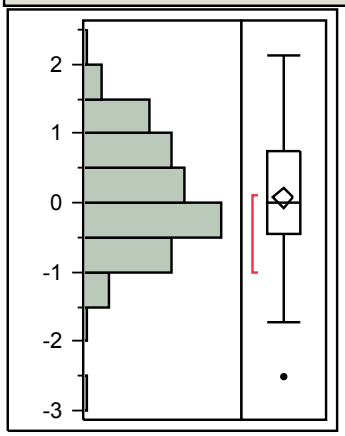
Distributions Analyte_Detection=Nitrobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Nitrobenzene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.14
99.5%		2.14
97.5%		1.67925
90.0%		1.1
75.0%	quartile	0.745
50.0%	median	0.01
25.0%	quartile	-0.455
10.0%		-0.937
2.5%		-1.361
0.5%		-2.51
0.0%	minimum	-2.51

Moments

Mean	0.0806557
Std Dev	0.8159583
Std Err Mean	0.0738734
Upper 95% Mean	0.2269076
Lower 95% Mean	-0.065596
N	122

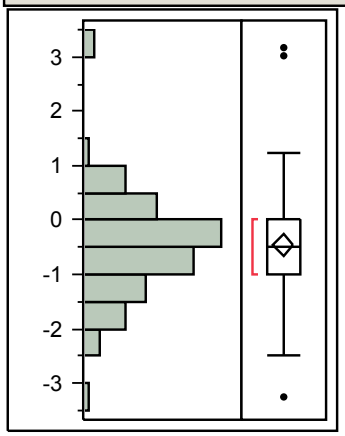
Distributions Analyte_Detection=Phenanthrene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Phenanthrene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	3.17
99.5%		3.17
97.5%		2.26775
90.0%		0.558
75.0%	quartile	0.01
50.0%	median	-0.48
25.0%	quartile	-1.0125
10.0%		-1.609
2.5%		-2.4263
0.5%		-3.25
0.0%	minimum	-3.25

Moments

Mean	-0.455312
Std Dev	0.9572185
Std Err Mean	0.0976957
Upper 95% Mean	-0.261362
Lower 95% Mean	-0.649263
N	96

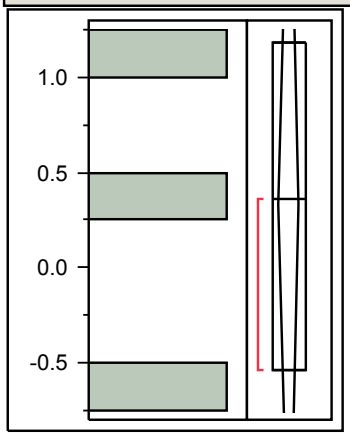
Distributions Analyte_Detection=Phenol Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Phenol Other

ZScore



Quantiles

100.0%	maximum	1.18
99.5%		1.18
97.5%		1.18
90.0%		1.18
75.0%	quartile	1.18
50.0%	median	0.36
25.0%	quartile	-0.54
10.0%		-0.54
2.5%		-0.54
0.5%		-0.54
0.0%	minimum	-0.54

Moments

Mean	0.3333333
Std Dev	0.86031
Std Err Mean	0.4967002
Upper 95% Mean	2.4704619
Lower 95% Mean	-1.803795
N	3

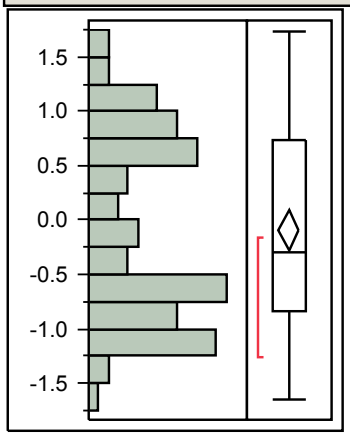
Distributions Analyte_Detection=Phenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Phenol SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	1.74
99.5%		1.74
97.5%		1.58875
90.0%		1.072
75.0%	quartile	0.74
50.0%	median	-0.29
25.0%	quartile	-0.8325
10.0%		-1.102
2.5%		-1.3178
0.5%		-1.65
0.0%	minimum	-1.65

Moments

Mean	-0.086163
Std Dev	0.8735717
Std Err Mean	0.0941997
Upper 95% Mean	0.1011314
Lower 95% Mean	-0.273457
N	86

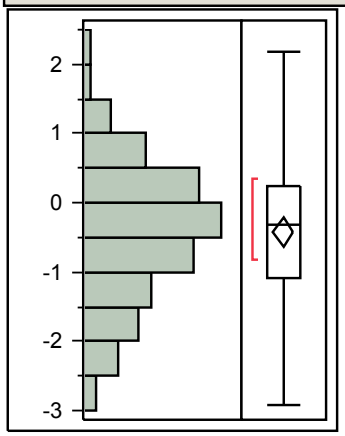
Distributions Analyte_Detection=Pyrene Other

ZScore

OrW Distribution by Detection Method

Distributions Analyte_Detection=Pyrene SW-846 8270C Semivolatile Organic Compounds by GC/MS

ZScore



Quantiles

100.0%	maximum	2.17
99.5%		2.17
97.5%		1.5515
90.0%		0.806
75.0%	quartile	0.235
50.0%	median	-0.32
25.0%	quartile	-1.075
10.0%		-1.908
2.5%		-2.413
0.5%		-2.93
0.0%	minimum	-2.93

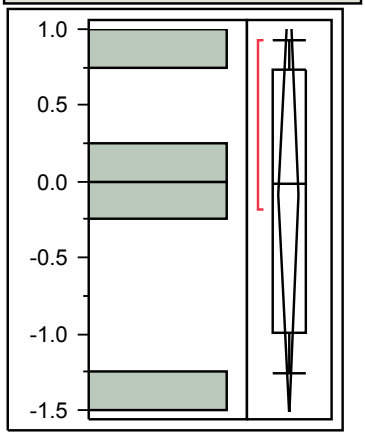
Moments

Mean	-0.423226
Std Dev	0.9985132
Std Err Mean	0.103541
Upper 95% Mean	-0.217584
Lower 95% Mean	-0.628867
N	93

OrW Distribution by Prep Method

Distributions Analyte_Method=1,2,4-Trichlorobenzene Other

ZScore



Quantiles

100.0%	maximum	0.93
99.5%		0.93
97.5%		0.93
90.0%		0.93
75.0%	quartile	0.735
50.0%	median	-0.015
25.0%	quartile	-0.99
10.0%		-1.26
2.5%		-1.26
0.5%		-1.26
0.0%	minimum	-1.26

Moments

Mean	-0.09
Std Dev	0.9082951
Std Err Mean	0.4541476
Upper 95% Mean	1.3553002
Lower 95% Mean	-1.5353
N	4

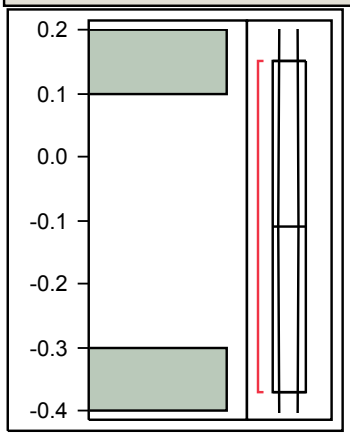
Distributions Analyte_Method=1,2,4-Trichlorobenzene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=1,2,4-Trichlorobenzene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.15
99.5%		0.15
97.5%		0.15
90.0%		0.15
75.0%	quartile	0.15
50.0%	median	-0.11
25.0%	quartile	-0.37
10.0%		-0.37
2.5%		-0.37
0.5%		-0.37
0.0%	minimum	-0.37

Moments

Mean	-0.11
Std Dev	0.3676955
Std Err Mean	0.26
Upper 95% Mean	3.1936132
Lower 95% Mean	-3.413613
N	2

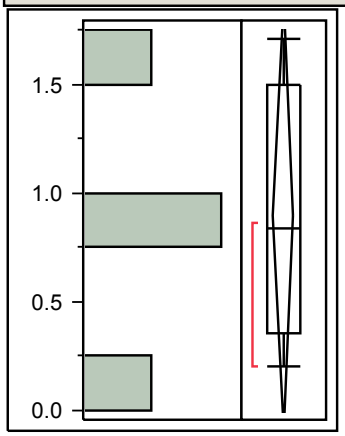
Distributions Analyte_Method=1,2,4-Trichlorobenzene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=1,2-Dichlorobenzene Other

ZScore



Quantiles

100.0%	maximum	1.71
99.5%		1.71
97.5%		1.71
90.0%		1.71
75.0%	quartile	1.4975
50.0%	median	0.84
25.0%	quartile	0.355
10.0%		0.2
2.5%		0.2
0.5%		0.2
0.0%	minimum	0.2

Moments

Mean	0.8975
Std Dev	0.6202352
Std Err Mean	0.3101176
Upper 95% Mean	1.8844326
Lower 95% Mean	-0.089433
N	4

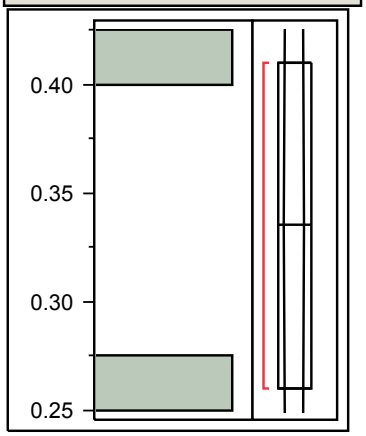
Distributions Analyte_Method=1,2-Dichlorobenzene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=1,2-Dichlorobenzene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.41
99.5%		0.41
97.5%		0.41
90.0%		0.41
75.0%	quartile	0.41
50.0%	median	0.335
25.0%	quartile	0.26
10.0%		0.26
2.5%		0.26
0.5%		0.26
0.0%	minimum	0.26

Moments

Mean	0.335
Std Dev	0.106066
Std Err Mean	0.075
Upper 95% Mean	1.2879654
Lower 95% Mean	-0.617965
N	2

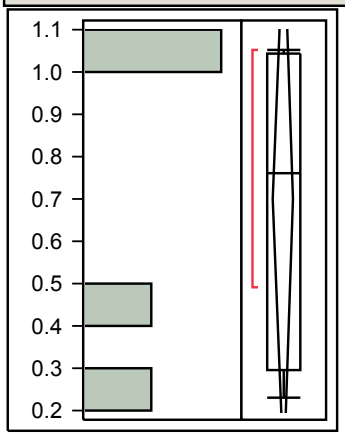
Distributions Analyte_Method=1,2-Dichlorobenzene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=1,3-Dichlorobenzene Other

ZScore



Quantiles

100.0%	maximum	1.05
99.5%		1.05
97.5%		1.05
90.0%		1.05
75.0%	quartile	1.045
50.0%	median	0.76
25.0%	quartile	0.295
10.0%		0.23
2.5%		0.23
0.5%		0.23
0.0%	minimum	0.23

Moments

Mean	0.7
Std Dev	0.4067759
Std Err Mean	0.203388
Upper 95% Mean	1.3472713
Lower 95% Mean	0.0527287
N	4

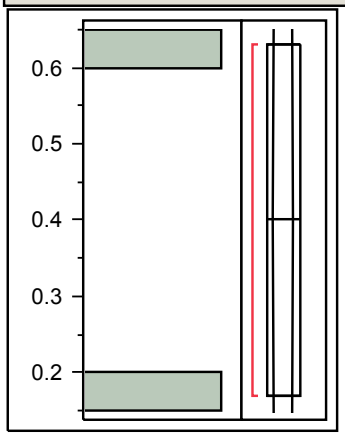
Distributions Analyte_Method=1,3-Dichlorobenzene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=1,3-Dichlorobenzene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.63
99.5%		0.63
97.5%		0.63
90.0%		0.63
75.0%	quartile	0.63
50.0%	median	0.4
25.0%	quartile	0.17
10.0%		0.17
2.5%		0.17
0.5%		0.17
0.0%	minimum	0.17

Moments

Mean	0.4
Std Dev	0.3252691
Std Err Mean	0.23
Upper 95% Mean	3.3224271
Lower 95% Mean	-2.522427
N	2

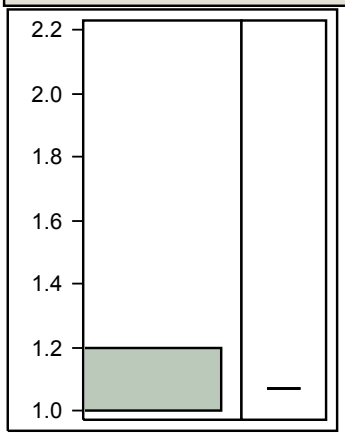
Distributions Analyte_Method=1,3-Dichlorobenzene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=1,4-Dichlorobenzene Other

ZScore



Quantiles

100.0%	maximum	1.07
99.5%		1.07
97.5%		1.07
90.0%		1.07
75.0%	quartile	1.07
50.0%	median	1.07
25.0%	quartile	1.07
10.0%		1.07
2.5%		1.07
0.5%		1.07
0.0%	minimum	1.07

Moments

Mean	1.07
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

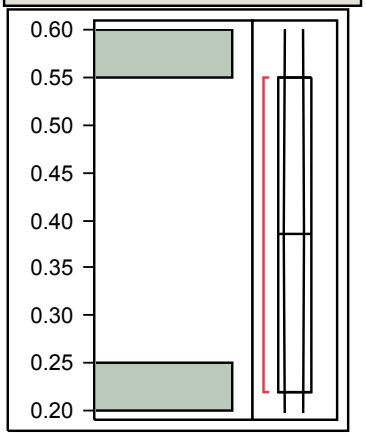
Distributions Analyte_Method=1,4-Dichlorobenzene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=1,4-Dichlorobenzene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.55
99.5%		0.55
97.5%		0.55
90.0%		0.55
75.0%	quartile	0.55
50.0%	median	0.385
25.0%	quartile	0.22
10.0%		0.22
2.5%		0.22
0.5%		0.22
0.0%	minimum	0.22

Moments

Mean	0.385
Std Dev	0.2333452
Std Err Mean	0.165
Upper 95% Mean	2.4815238
Lower 95% Mean	-1.711524
N	2

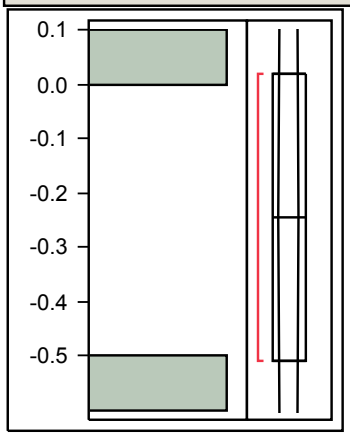
Distributions Analyte_Method=1,4-Dichlorobenzene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,4,5-Trichlorophenol Other

ZScore



Quantiles

100.0%	maximum	0.02
99.5%		0.02
97.5%		0.02
90.0%		0.02
75.0%	quartile	0.02
50.0%	median	-0.245
25.0%	quartile	-0.51
10.0%		-0.51
2.5%		-0.51
0.5%		-0.51
0.0%	minimum	-0.51

Moments

Mean	-0.245
Std Dev	0.3747666
Std Err Mean	0.265
Upper 95% Mean	3.1221443
Lower 95% Mean	-3.612144
N	2

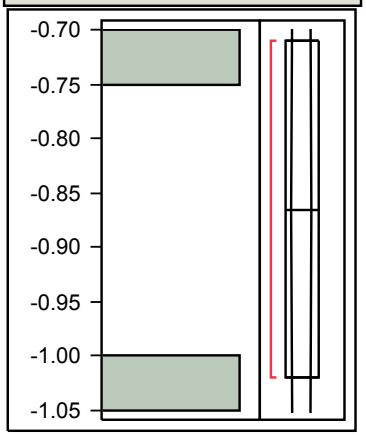
Distributions Analyte_Method=2,4,5-Trichlorophenol Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,4,5-Trichlorophenol Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.71
99.5%		-0.71
97.5%		-0.71
90.0%		-0.71
75.0%	quartile	-0.71
50.0%	median	-0.865
25.0%	quartile	-1.02
10.0%		-1.02
2.5%		-1.02
0.5%		-1.02
0.0%	minimum	-1.02

Moments

Mean	-0.865
Std Dev	0.2192031
Std Err Mean	0.155
Upper 95% Mean	1.1044617
Lower 95% Mean	-2.834462
N	2

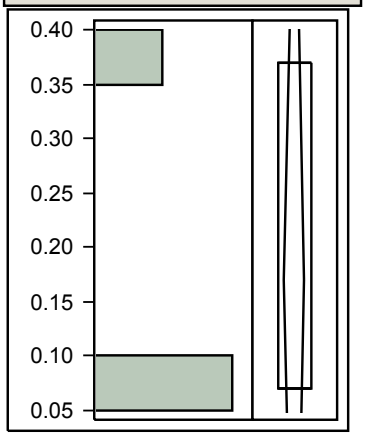
Distributions Analyte_Method=2,4,5-Trichlorophenol Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,4,6-Trichlorophenol Other

ZScore



Quantiles

100.0%	maximum	0.37
99.5%		0.37
97.5%		0.37
90.0%		0.37
75.0%	quartile	0.37
50.0%	median	0.07
25.0%	quartile	0.07
10.0%		0.07
2.5%		0.07
0.5%		0.07
0.0%	minimum	0.07

Moments

Mean	0.17
Std Dev	0.1732051
Std Err Mean	0.1
Upper 95% Mean	0.6002653
Lower 95% Mean	-0.260265
N	3

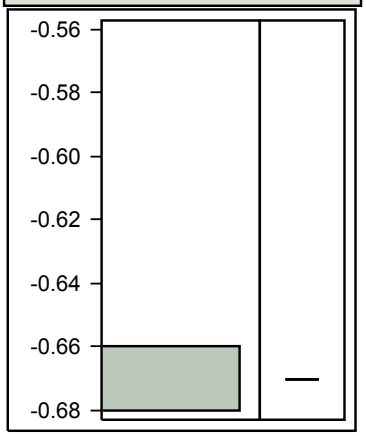
Distributions Analyte_Method=2,4,6-Trichlorophenol Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,4,6-Trichlorophenol Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.67
99.5%		-0.67
97.5%		-0.67
90.0%		-0.67
75.0%	quartile	-0.67
50.0%	median	-0.67
25.0%	quartile	-0.67
10.0%		-0.67
2.5%		-0.67
0.5%		-0.67
0.0%	minimum	-0.67

Moments

Mean	-0.67
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

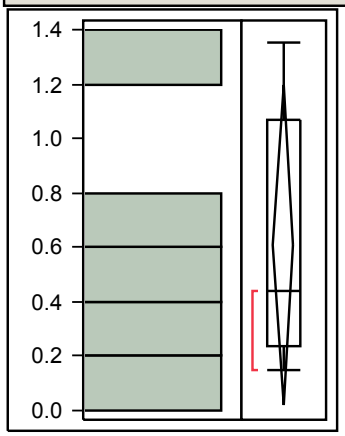
Distributions Analyte_Method=2,4,6-Trichlorophenol Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,4-Dichlorophenol Other

ZScore



Quantiles

100.0%	maximum	1.35
99.5%		1.35
97.5%		1.35
90.0%		1.35
75.0%	quartile	1.07
50.0%	median	0.44
25.0%	quartile	0.235
10.0%		0.15
2.5%		0.15
0.5%		0.15
0.0%	minimum	0.15

Moments

Mean	0.61
Std Dev	0.4755523
Std Err Mean	0.2126735
Upper 95% Mean	1.2004762
Lower 95% Mean	0.0195238
N	5

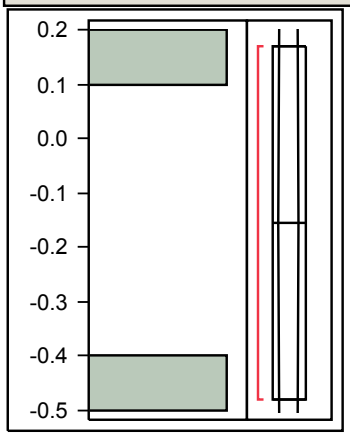
Distributions Analyte_Method=2,4-Dichlorophenol Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,4-Dichlorophenol Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.17
99.5%		0.17
97.5%		0.17
90.0%		0.17
75.0%	quartile	0.17
50.0%	median	-0.155
25.0%	quartile	-0.48
10.0%		-0.48
2.5%		-0.48
0.5%		-0.48
0.0%	minimum	-0.48

Moments

Mean	-0.155
Std Dev	0.4596194
Std Err Mean	0.325
Upper 95% Mean	3.9745165
Lower 95% Mean	-4.284517
N	2

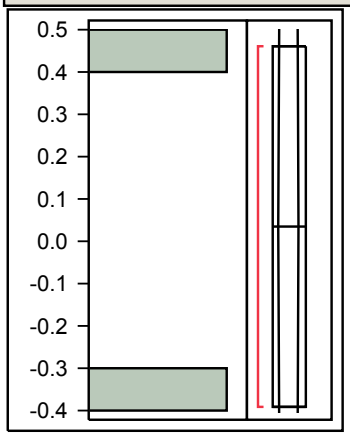
Distributions Analyte_Method=2,4-Dichlorophenol Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,4-Dinitrotoluene Other

ZScore



Quantiles

100.0%	maximum	0.46
99.5%		0.46
97.5%		0.46
90.0%		0.46
75.0%	quartile	0.46
50.0%	median	0.035
25.0%	quartile	-0.39
10.0%		-0.39
2.5%		-0.39
0.5%		-0.39
0.0%	minimum	-0.39

Moments

Mean	0.035
Std Dev	0.6010408
Std Err Mean	0.425
Upper 95% Mean	5.435137
Lower 95% Mean	-5.365137
N	2

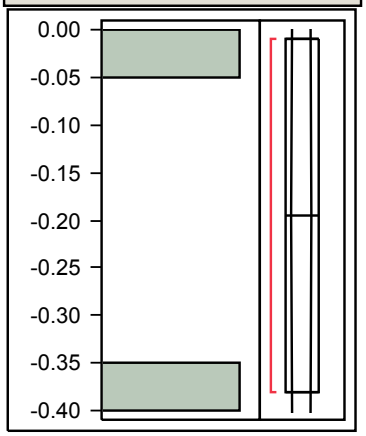
Distributions Analyte_Method=2,4-Dinitrotoluene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,4-Dinitrotoluene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.01
99.5%		-0.01
97.5%		-0.01
90.0%		-0.01
75.0%	quartile	-0.01
50.0%	median	-0.195
25.0%	quartile	-0.38
10.0%		-0.38
2.5%		-0.38
0.5%		-0.38
0.0%	minimum	-0.38

Moments

Mean	-0.195
Std Dev	0.2616295
Std Err Mean	0.185
Upper 95% Mean	2.1556479
Lower 95% Mean	-2.545648
N	2

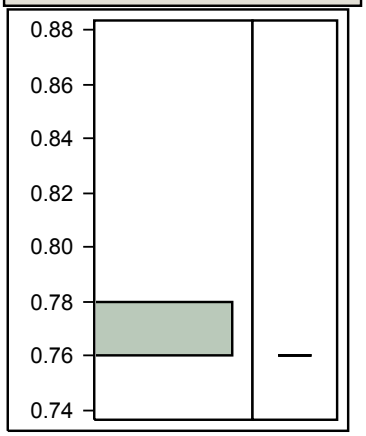
Distributions Analyte_Method=2,4-Dinitrotoluene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,6-Dichlorophenol Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.76
99.5%		0.76
97.5%		0.76
90.0%		0.76
75.0%	quartile	0.76
50.0%	median	0.76
25.0%	quartile	0.76
10.0%		0.76
2.5%		0.76
0.5%		0.76
0.0%	minimum	0.76

Moments

Mean	0.76
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

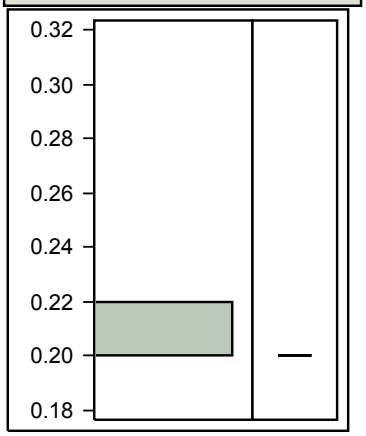
Distributions Analyte_Method=2,6-Dichlorophenol Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,6-Dinitrotoluene Other

ZScore



Quantiles

100.0%	maximum	0.2
99.5%		0.2
97.5%		0.2
90.0%		0.2
75.0%	quartile	0.2
50.0%	median	0.2
25.0%	quartile	0.2
10.0%		0.2
2.5%		0.2
0.5%		0.2
0.0%	minimum	0.2

Moments

Mean	0.2
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

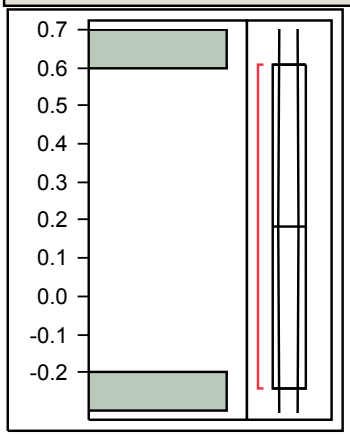
Distributions Analyte_Method=2,6-Dinitrotoluene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2,6-Dinitrotoluene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.61
99.5%		0.61
97.5%		0.61
90.0%		0.61
75.0%	quartile	0.61
50.0%	median	0.185
25.0%	quartile	-0.24
10.0%		-0.24
2.5%		-0.24
0.5%		-0.24
0.0%	minimum	-0.24

Moments

Mean	0.185
Std Dev	0.6010408
Std Err Mean	0.425
Upper 95% Mean	5.585137
Lower 95% Mean	-5.215137
N	2

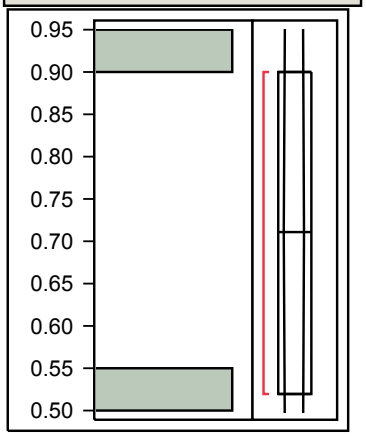
Distributions Analyte_Method=2,6-Dinitrotoluene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2-Chloronaphthalene Other

ZScore



Quantiles

100.0%	maximum	0.9
99.5%		0.9
97.5%		0.9
90.0%		0.9
75.0%	quartile	0.9
50.0%	median	0.71
25.0%	quartile	0.52
10.0%		0.52
2.5%		0.52
0.5%		0.52
0.0%	minimum	0.52

Moments

Mean	0.71
Std Dev	0.2687006
Std Err Mean	0.19
Upper 95% Mean	3.1241789
Lower 95% Mean	-1.704179
N	2

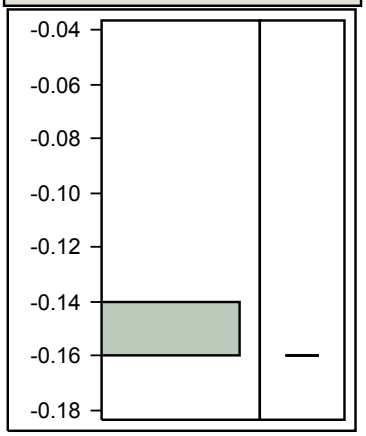
Distributions Analyte_Method=2-Chloronaphthalene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2-Chloronaphthalene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.16
99.5%		-0.16
97.5%		-0.16
90.0%		-0.16
75.0%	quartile	-0.16
50.0%	median	-0.16
25.0%	quartile	-0.16
10.0%		-0.16
2.5%		-0.16
0.5%		-0.16
0.0%	minimum	-0.16

Moments

Mean	-0.16
Std Dev	0
Std Err Mean	0
Upper 95% Mean	-0.16
Lower 95% Mean	-0.16
N	2

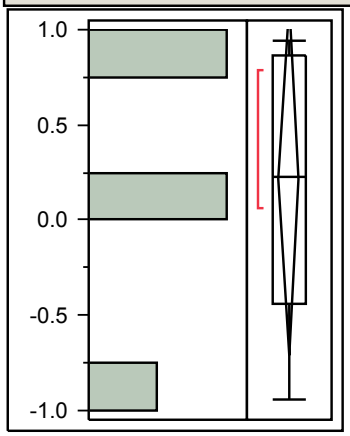
Distributions Analyte_Method=2-Chloronaphthalene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2-Chlorophenol Other

ZScore



Quantiles

100.0%	maximum	0.94
99.5%		0.94
97.5%		0.94
90.0%		0.94
75.0%	quartile	0.865
50.0%	median	0.23
25.0%	quartile	-0.44
10.0%		-0.94
2.5%		-0.94
0.5%		-0.94
0.0%	minimum	-0.94

Moments

Mean	0.216
Std Dev	0.7440632
Std Err Mean	0.3327552
Upper 95% Mean	1.1398764
Lower 95% Mean	-0.707876
N	5

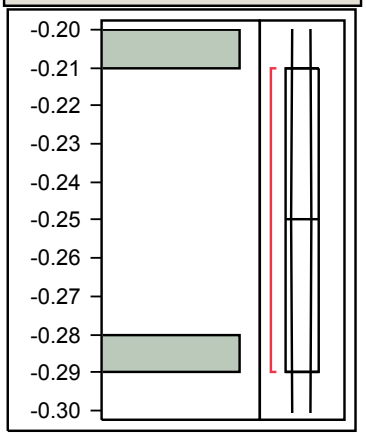
Distributions Analyte_Method=2-Chlorophenol Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2-Chlorophenol Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.21
99.5%		-0.21
97.5%		-0.21
90.0%		-0.21
75.0%	quartile	-0.21
50.0%	median	-0.25
25.0%	quartile	-0.29
10.0%		-0.29
2.5%		-0.29
0.5%		-0.29
0.0%	minimum	-0.29

Moments

Mean	-0.25
Std Dev	0.0565685
Std Err Mean	0.04
Upper 95% Mean	0.2582482
Lower 95% Mean	-0.758248
N	2

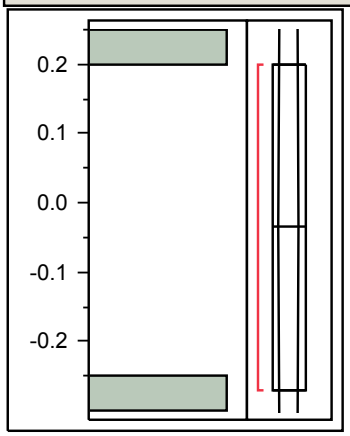
Distributions Analyte_Method=2-Chlorophenol Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2-Methylnaphthalene Other

ZScore



Quantiles

100.0%	maximum	0.2
99.5%		0.2
97.5%		0.2
90.0%		0.2
75.0%	quartile	0.2
50.0%	median	-0.035
25.0%	quartile	-0.27
10.0%		-0.27
2.5%		-0.27
0.5%		-0.27
0.0%	minimum	-0.27

Moments

Mean	-0.035
Std Dev	0.3323402
Std Err Mean	0.235
Upper 95% Mean	2.9509581
Lower 95% Mean	-3.020958
N	2

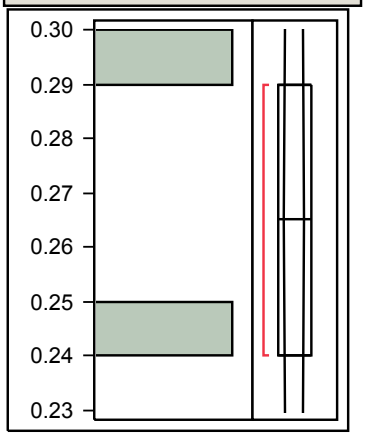
Distributions Analyte_Method=2-Methylnaphthalene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2-Methylnaphthalene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.29
99.5%		0.29
97.5%		0.29
90.0%		0.29
75.0%	quartile	0.29
50.0%	median	0.265
25.0%	quartile	0.24
10.0%		0.24
2.5%		0.24
0.5%		0.24
0.0%	minimum	0.24

Moments

Mean	0.265
Std Dev	0.0353553
Std Err Mean	0.025
Upper 95% Mean	0.5826551
Lower 95% Mean	-0.052655
N	2

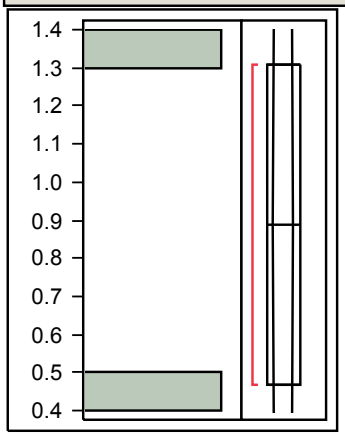
Distributions Analyte_Method=2-Methylnaphthalene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2-Methylphenol Other

ZScore



Quantiles

100.0%	maximum	1.31
99.5%		1.31
97.5%		1.31
90.0%		1.31
75.0%	quartile	1.31
50.0%	median	0.89
25.0%	quartile	0.47
10.0%		0.47
2.5%		0.47
0.5%		0.47
0.0%	minimum	0.47

Moments

Mean	0.89
Std Dev	0.5939697
Std Err Mean	0.42
Upper 95% Mean	6.226606
Lower 95% Mean	-4.446606
N	2

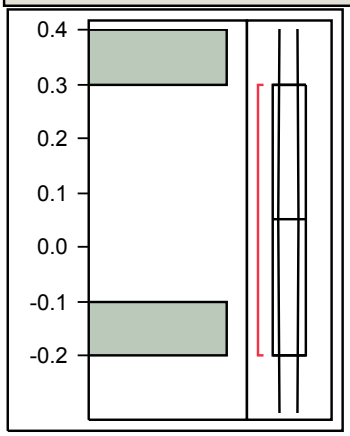
Distributions Analyte_Method=2-Methylphenol Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=2-Methylphenol Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.3
99.5%		0.3
97.5%		0.3
90.0%		0.3
75.0%	quartile	0.3
50.0%	median	0.05
25.0%	quartile	-0.2
10.0%		-0.2
2.5%		-0.2
0.5%		-0.2
0.0%	minimum	-0.2

Moments

Mean	0.05
Std Dev	0.3535534
Std Err Mean	0.25
Upper 95% Mean	3.2265512
Lower 95% Mean	-3.126551
N	2

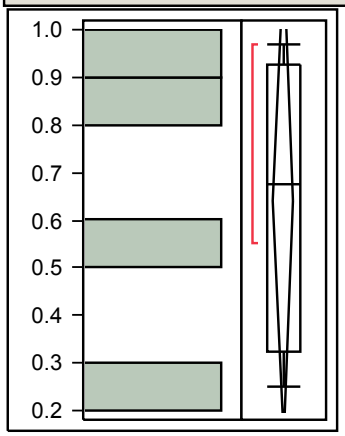
Distributions Analyte_Method=2-Methylphenol Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=3-Methyl & 4-Methylphenol Other

ZScore



Quantiles

100.0%	maximum	0.97
99.5%		0.97
97.5%		0.97
90.0%		0.97
75.0%	quartile	0.9275
50.0%	median	0.675
25.0%	quartile	0.325
10.0%		0.25
2.5%		0.25
0.5%		0.25
0.0%	minimum	0.25

Moments

Mean	0.6425
Std Dev	0.3134087
Std Err Mean	0.1567043
Upper 95% Mean	1.1412031
Lower 95% Mean	0.1437969
N	4

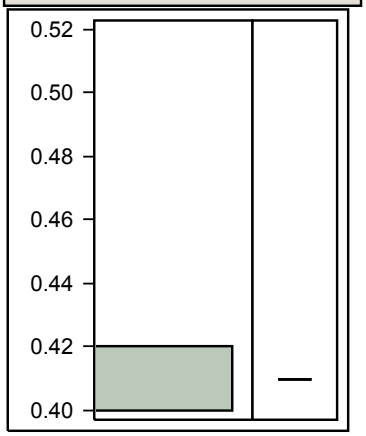
Distributions Analyte_Method=3-Methyl & 4-Methylphenol Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=3-Methyl & 4-Methylphenol Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.41
99.5%		0.41
97.5%		0.41
90.0%		0.41
75.0%	quartile	0.41
50.0%	median	0.41
25.0%	quartile	0.41
10.0%		0.41
2.5%		0.41
0.5%		0.41
0.0%	minimum	0.41

Moments

Mean	0.41
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

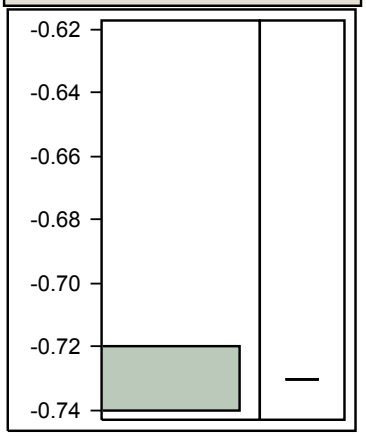
Distributions Analyte_Method=3-Methyl & 4-Methylphenol Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4,4'-DDD Other

ZScore



Quantiles

100.0%	maximum	-0.73
99.5%		-0.73
97.5%		-0.73
90.0%		-0.73
75.0%	quartile	-0.73
50.0%	median	-0.73
25.0%	quartile	-0.73
10.0%		-0.73
2.5%		-0.73
0.5%		-0.73
0.0%	minimum	-0.73

Moments

Mean	-0.73
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

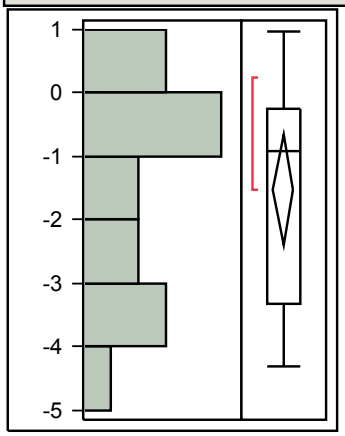
Distributions Analyte_Method=4,4'-DDD Soxhlet Extraction (Method 3540C)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4,4'-DDE Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	0.96
99.5%		0.96
97.5%		0.96
90.0%		0.47
75.0%	quartile	-0.26
50.0%	median	-0.91
25.0%	quartile	-3.3075
10.0%		-3.904
2.5%		-4.31
0.5%		-4.31
0.0%	minimum	-4.31

Moments

Mean	-1.51875
Std Dev	1.6491205
Std Err Mean	0.4122801
Upper 95% Mean	-0.639996
Lower 95% Mean	-2.397504
N	16

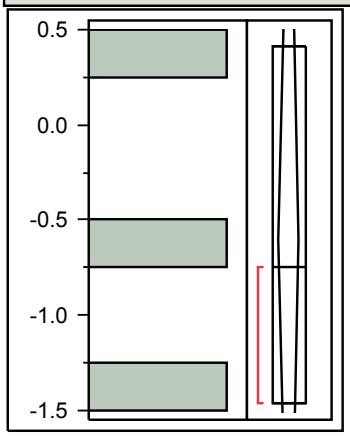
Distributions Analyte_Method=4,4'-DDE Other

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4,4'-DDE Other

ZScore



Quantiles

100.0%	maximum	0.41
99.5%		0.41
97.5%		0.41
90.0%		0.41
75.0%	quartile	0.41
50.0%	median	-0.75
25.0%	quartile	-1.46
10.0%		-1.46
2.5%		-1.46
0.5%		-1.46
0.0%	minimum	-1.46

Moments

Mean	-0.6
Std Dev	0.9439809
Std Err Mean	0.5450076
Upper 95% Mean	1.7449786
Lower 95% Mean	-2.944979
N	3

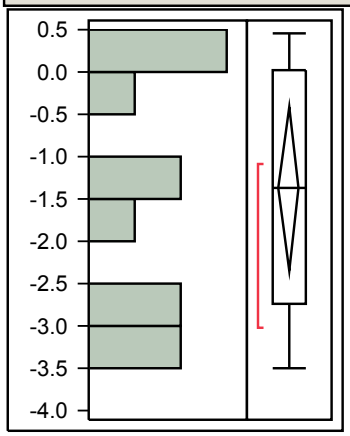
Distributions Analyte_Method=4,4'-DDE Soxhlet Extraction (Method 3540C)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4,4'-DDT
Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	0.45
99.5%		0.45
97.5%		0.45
90.0%		0.442
75.0%	quartile	0.02
50.0%	median	-1.36
25.0%	quartile	-2.74
10.0%		-3.406
2.5%		-3.5
0.5%		-3.5
0.0%	minimum	-3.5

Moments

Mean	-1.374545
Std Dev	1.4431588
Std Err Mean	0.4351287
Upper 95% Mean	-0.405018
Lower 95% Mean	-2.344073
N	11

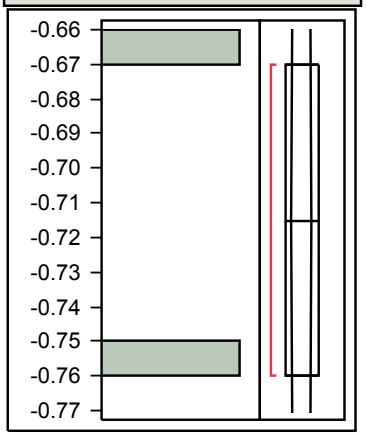
Distributions
Analyte_Method=4,4'-DDT Other

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=4,4'-DDT Other

ZScore



Quantiles

100.0%	maximum	-0.67
99.5%		-0.67
97.5%		-0.67
90.0%		-0.67
75.0%	quartile	-0.67
50.0%	median	-0.715
25.0%	quartile	-0.76
10.0%		-0.76
2.5%		-0.76
0.5%		-0.76
0.0%	minimum	-0.76

Moments

Mean	-0.715
Std Dev	0.0636396
Std Err Mean	0.045
Upper 95% Mean	-0.143221
Lower 95% Mean	-1.286779
N	2

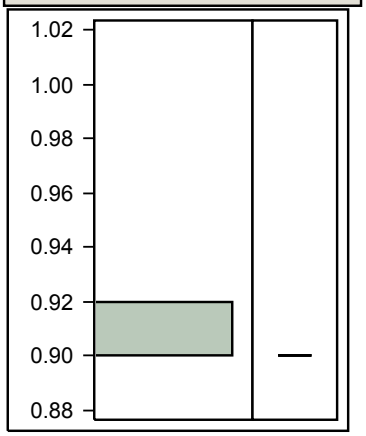
Distributions Analyte_Method=4,4'-DDT Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4-Bromophenyl-phenylether Other

ZScore



Quantiles

100.0%	maximum	0.9
99.5%		0.9
97.5%		0.9
90.0%		0.9
75.0%	quartile	0.9
50.0%	median	0.9
25.0%	quartile	0.9
10.0%		0.9
2.5%		0.9
0.5%		0.9
0.0%	minimum	0.9

Moments

Mean	0.9
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

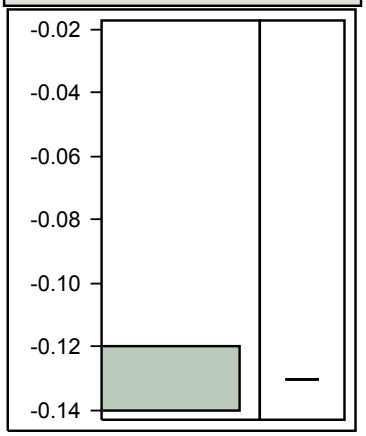
Distributions Analyte_Method=4-Bromophenyl-phenylether Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4-Bromophenyl-phenylether Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.13
99.5%		-0.13
97.5%		-0.13
90.0%		-0.13
75.0%	quartile	-0.13
50.0%	median	-0.13
25.0%	quartile	-0.13
10.0%		-0.13
2.5%		-0.13
0.5%		-0.13
0.0%	minimum	-0.13

Moments

Mean	-0.13
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

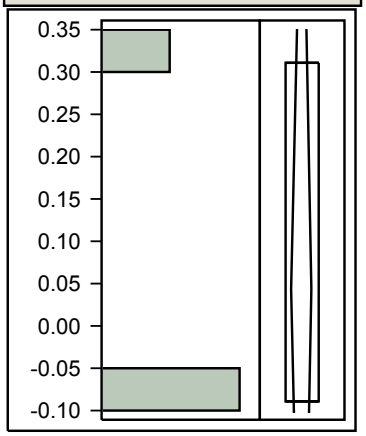
Distributions Analyte_Method=4-Bromophenyl-phenylether Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4-Chloro-3-methylphenol Other

ZScore



Quantiles

100.0%	maximum	0.31
99.5%		0.31
97.5%		0.31
90.0%		0.31
75.0%	quartile	0.31
50.0%	median	-0.09
25.0%	quartile	-0.09
10.0%		-0.09
2.5%		-0.09
0.5%		-0.09
0.0%	minimum	-0.09

Moments

Mean	0.0433333
Std Dev	0.2309401
Std Err Mean	0.1333333
Upper 95% Mean	0.6170204
Lower 95% Mean	-0.530354
N	3

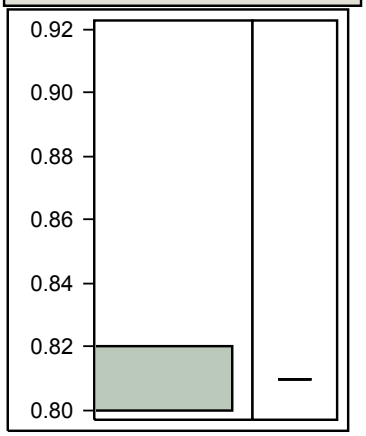
Distributions Analyte_Method=4-Chloro-3-methylphenol Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4-Chlorophenyl-phenylether Other

ZScore



Quantiles

100.0%	maximum	0.81
99.5%		0.81
97.5%		0.81
90.0%		0.81
75.0%	quartile	0.81
50.0%	median	0.81
25.0%	quartile	0.81
10.0%		0.81
2.5%		0.81
0.5%		0.81
0.0%	minimum	0.81

Moments

Mean	0.81
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

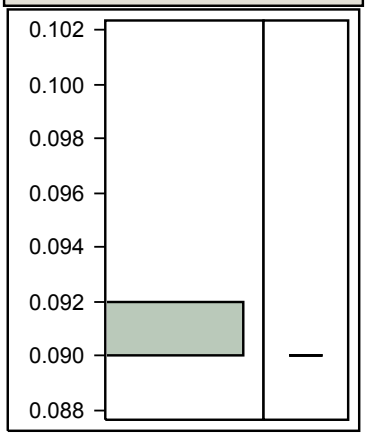
Distributions Analyte_Method=4-Chlorophenyl-phenylether Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4-Chlorophenyl-phenylether Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.09
99.5%		0.09
97.5%		0.09
90.0%		0.09
75.0%	quartile	0.09
50.0%	median	0.09
25.0%	quartile	0.09
10.0%		0.09
2.5%		0.09
0.5%		0.09
0.0%	minimum	0.09

Moments

Mean	0.09
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

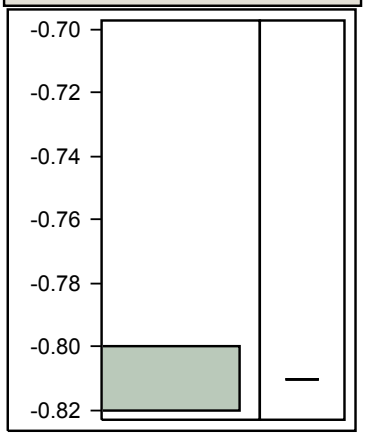
Distributions Analyte_Method=4-Chlorophenyl-phenylether Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=4-Nitrophenol Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.81
99.5%		-0.81
97.5%		-0.81
90.0%		-0.81
75.0%	quartile	-0.81
50.0%	median	-0.81
25.0%	quartile	-0.81
10.0%		-0.81
2.5%		-0.81
0.5%		-0.81
0.0%	minimum	-0.81

Moments

Mean	-0.81
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

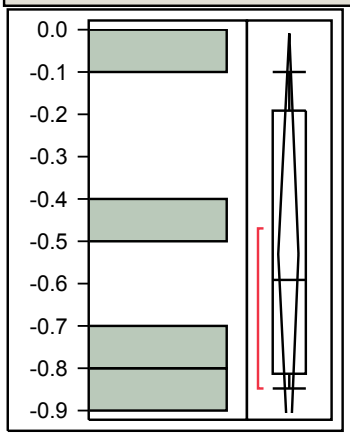
Distributions Analyte_Method=4-Nitrophenol Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Acenaphthene Other

ZScore



Quantiles

100.0%	maximum	-0.1
99.5%		-0.1
97.5%		-0.1
90.0%		-0.1
75.0%	quartile	-0.1925
50.0%	median	-0.59
25.0%	quartile	-0.815
10.0%		-0.85
2.5%		-0.85
0.5%		-0.85
0.0%	minimum	-0.85

Moments

Mean	-0.5325
Std Dev	0.3282656
Std Err Mean	0.1641328
Upper 95% Mean	-0.010156
Lower 95% Mean	-1.054844
N	4

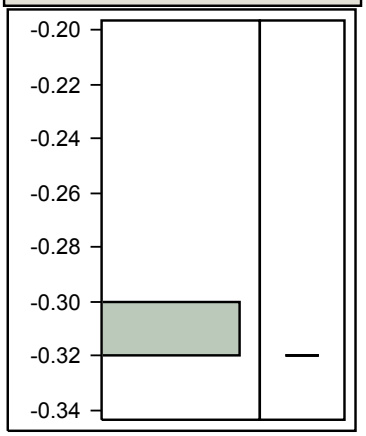
Distributions Analyte_Method=Acenaphthene
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Acenaphthene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.32
99.5%		-0.32
97.5%		-0.32
90.0%		-0.32
75.0%	quartile	-0.32
50.0%	median	-0.32
25.0%	quartile	-0.32
10.0%		-0.32
2.5%		-0.32
0.5%		-0.32
0.0%	minimum	-0.32

Moments

Mean	-0.32
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

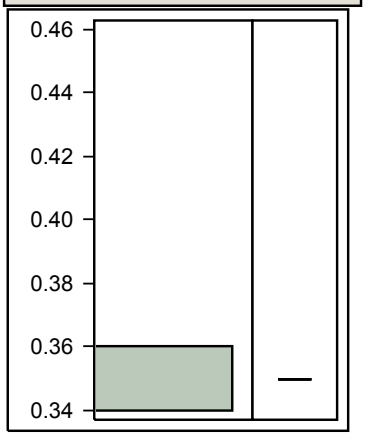
Distributions Analyte_Method=Acenaphthene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Acenaphthylene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.35
99.5%		0.35
97.5%		0.35
90.0%		0.35
75.0%	quartile	0.35
50.0%	median	0.35
25.0%	quartile	0.35
10.0%		0.35
2.5%		0.35
0.5%		0.35
0.0%	minimum	0.35

Moments

Mean	0.35
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

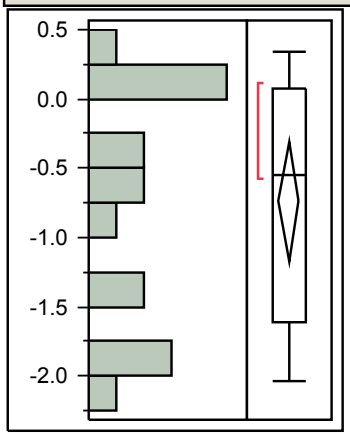
Distributions Analyte_Method=Acenaphthylene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Aldrin Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	0.34
99.5%		0.34
97.5%		0.34
90.0%		0.164
75.0%	quartile	0.07
50.0%	median	-0.55
25.0%	quartile	-1.615
10.0%		-1.992
2.5%		-2.04
0.5%		-2.04
0.0%	minimum	-2.04

Moments

Mean	-0.741765
Std Dev	0.847557
Std Err Mean	0.2055628
Upper 95% Mean	-0.305991
Lower 95% Mean	-1.177538
N	17

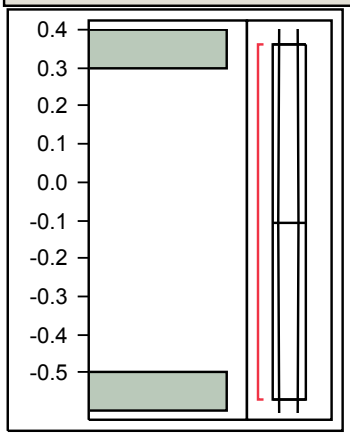
Distributions Analyte_Method=Aldrin Other

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Aldrin Other

ZScore



Quantiles

100.0%	maximum	0.36
99.5%		0.36
97.5%		0.36
90.0%		0.36
75.0%	quartile	0.36
50.0%	median	-0.105
25.0%	quartile	-0.57
10.0%		-0.57
2.5%		-0.57
0.5%		-0.57
0.0%	minimum	-0.57

Moments

Mean	-0.105
Std Dev	0.6576093
Std Err Mean	0.465
Upper 95% Mean	5.8033852
Lower 95% Mean	-6.013385
N	2

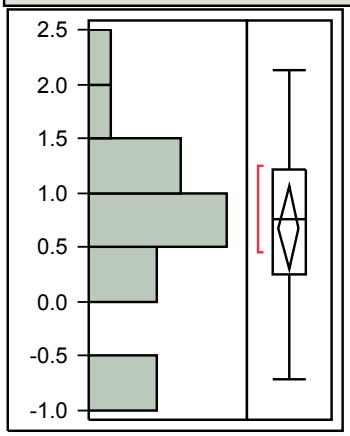
Distributions Analyte_Method=Aldrin Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=alpha-BHC
Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	2.13
99.5%		2.13
97.5%		2.13
90.0%		1.59
75.0%	quartile	1.2125
50.0%	median	0.755
25.0%	quartile	0.2575
10.0%		-0.612
2.5%		-0.72
0.5%		-0.72
0.0%	minimum	-0.72

Moments

Mean	0.68
Std Dev	0.7646606
Std Err Mean	0.1802322
Upper 95% Mean	1.0602568
Lower 95% Mean	0.2997432
N	18

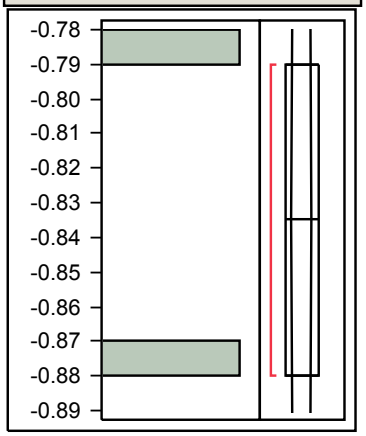
Distributions
Analyte_Method=alpha-BHC Other

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=alpha-BHC Other

ZScore



Quantiles

100.0%	maximum	-0.79
99.5%		-0.79
97.5%		-0.79
90.0%		-0.79
75.0%	quartile	-0.79
50.0%	median	-0.835
25.0%	quartile	-0.88
10.0%		-0.88
2.5%		-0.88
0.5%		-0.88
0.0%	minimum	-0.88

Moments

Mean	-0.835
Std Dev	0.0636396
Std Err Mean	0.045
Upper 95% Mean	-0.263221
Lower 95% Mean	-1.406779
N	2

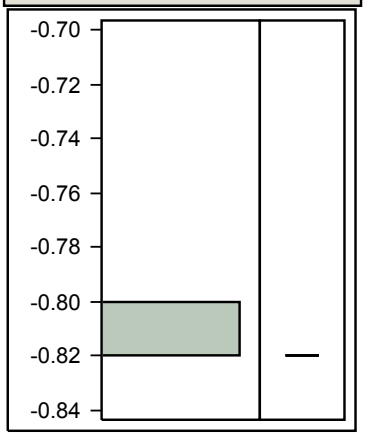
Distributions Analyte_Method=alpha-BHC Soxhlet Extraction (Method 3540C)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Anthracene Other

ZScore



Quantiles

100.0%	maximum	-0.82
99.5%		-0.82
97.5%		-0.82
90.0%		-0.82
75.0%	quartile	-0.82
50.0%	median	-0.82
25.0%	quartile	-0.82
10.0%		-0.82
2.5%		-0.82
0.5%		-0.82
0.0%	minimum	-0.82

Moments

Mean	-0.82
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

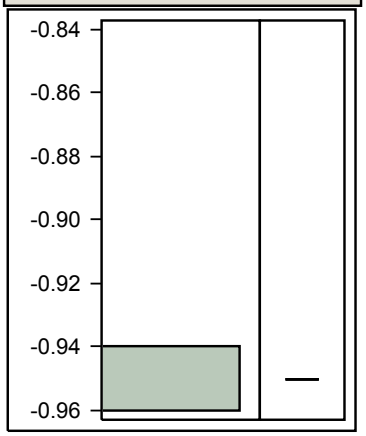
Distributions Analyte_Method=Anthracene
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Anthracene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.95
99.5%		-0.95
97.5%		-0.95
90.0%		-0.95
75.0%	quartile	-0.95
50.0%	median	-0.95
25.0%	quartile	-0.95
10.0%		-0.95
2.5%		-0.95
0.5%		-0.95
0.0%	minimum	-0.95

Moments

Mean	-0.95
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

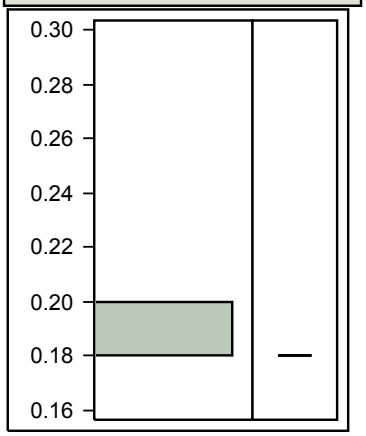
Distributions Analyte_Method=Anthracene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Benzo(a)anthracene Other

ZScore



Quantiles

100.0%	maximum	0.18
99.5%		0.18
97.5%		0.18
90.0%		0.18
75.0%	quartile	0.18
50.0%	median	0.18
25.0%	quartile	0.18
10.0%		0.18
2.5%		0.18
0.5%		0.18
0.0%	minimum	0.18

Moments

Mean	0.18
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

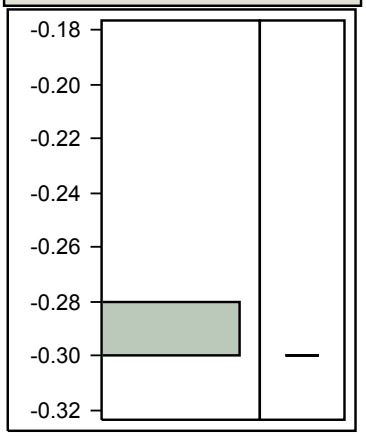
Distributions Analyte_Method=Benzo(a)anthracene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Benzo(a)anthracene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.3
99.5%		-0.3
97.5%		-0.3
90.0%		-0.3
75.0%	quartile	-0.3
50.0%	median	-0.3
25.0%	quartile	-0.3
10.0%		-0.3
2.5%		-0.3
0.5%		-0.3
0.0%	minimum	-0.3

Moments

Mean	-0.3
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

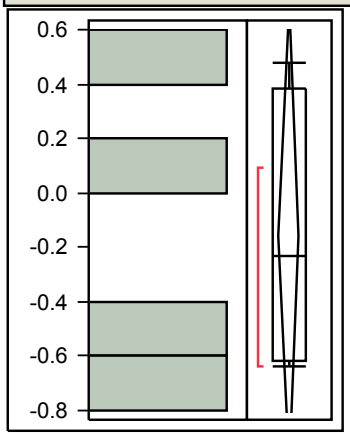
Distributions Analyte_Method=Benzo(a)anthracene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Benzo(a)pyrene Other

ZScore



Quantiles

100.0%	maximum	0.48
99.5%		0.48
97.5%		0.48
90.0%		0.48
75.0%	quartile	0.3825
50.0%	median	-0.235
25.0%	quartile	-0.62
10.0%		-0.64
2.5%		-0.64
0.5%		-0.64
0.0%	minimum	-0.64

Moments

Mean	-0.1575
Std Dev	0.5361825
Std Err Mean	0.2680912
Upper 95% Mean	0.695686
Lower 95% Mean	-1.010686
N	4

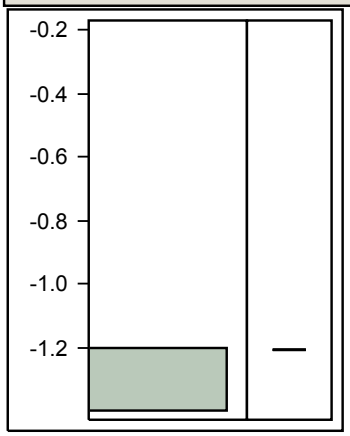
Distributions Analyte_Method=Benzo(a)pyrene
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Benzo(a)pyrene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-1.21
99.5%		-1.21
97.5%		-1.21
90.0%		-1.21
75.0%	quartile	-1.21
50.0%	median	-1.21
25.0%	quartile	-1.21
10.0%		-1.21
2.5%		-1.21
0.5%		-1.21
0.0%	minimum	-1.21

Moments

Mean	-1.21
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

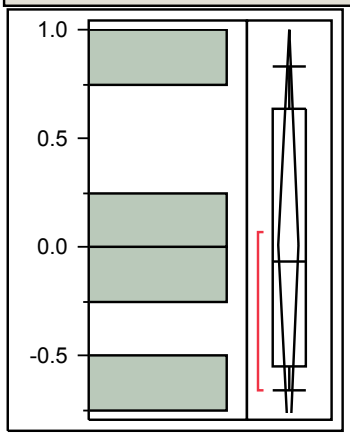
Distributions Analyte_Method=Benzo(a)pyrene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Benzo(b)fluoranthene Other

ZScore



Quantiles

100.0%	maximum	0.83
99.5%		0.83
97.5%		0.83
90.0%		0.83
75.0%	quartile	0.64
50.0%	median	-0.065
25.0%	quartile	-0.545
10.0%		-0.66
2.5%		-0.66
0.5%		-0.66
0.0%	minimum	-0.66

Moments

Mean	0.01
Std Dev	0.6242329
Std Err Mean	0.3121164
Upper 95% Mean	1.0032938
Lower 95% Mean	-0.983294
N	4

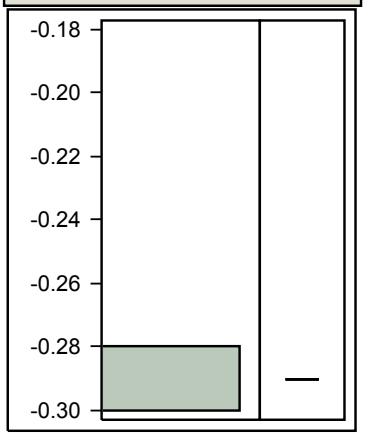
Distributions Analyte_Method=Benzo(b)fluoranthene
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Benzo(b)fluoranthene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.29
99.5%		-0.29
97.5%		-0.29
90.0%		-0.29
75.0%	quartile	-0.29
50.0%	median	-0.29
25.0%	quartile	-0.29
10.0%		-0.29
2.5%		-0.29
0.5%		-0.29
0.0%	minimum	-0.29

Moments

Mean	-0.29
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

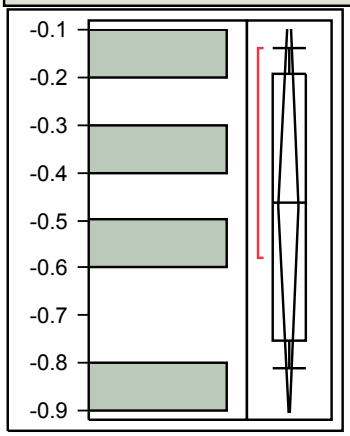
Distributions Analyte_Method=Benzo(b)fluoranthene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Benzo(g,h,i)perylene Other

ZScore



Quantiles

100.0%	maximum	-0.14
99.5%		-0.14
97.5%		-0.14
90.0%		-0.14
75.0%	quartile	-0.1925
50.0%	median	-0.465
25.0%	quartile	-0.7525
10.0%		-0.81
2.5%		-0.81
0.5%		-0.81
0.0%	minimum	-0.81

Moments

Mean	-0.47
Std Dev	0.2892519
Std Err Mean	0.144626
Upper 95% Mean	-0.009736
Lower 95% Mean	-0.930264
N	4

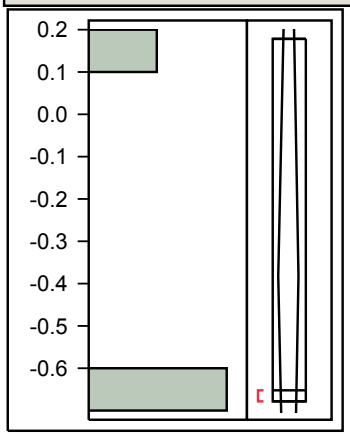
Distributions Analyte_Method=Benzo(g,h,i)perylene
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Benzo(k)fluoranthene Other

ZScore



Quantiles

100.0%	maximum	0.18
99.5%		0.18
97.5%		0.18
90.0%		0.18
75.0%	quartile	0.18
50.0%	median	-0.65
25.0%	quartile	-0.68
10.0%		-0.68
2.5%		-0.68
0.5%		-0.68
0.0%	minimum	-0.68

Moments

Mean	-0.383333
Std Dev	0.4880915
Std Err Mean	0.2817998
Upper 95% Mean	0.8291532
Lower 95% Mean	-1.59582
N	3

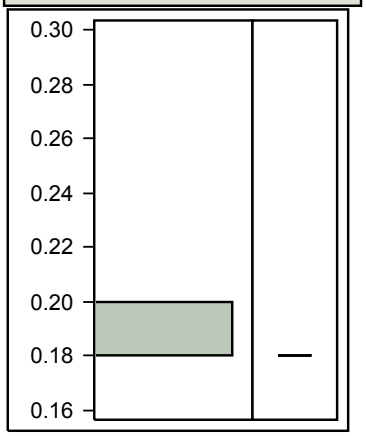
Distributions Analyte_Method=Benzo(k)fluoranthene
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Benzo(k)fluoranthene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.18
99.5%		0.18
97.5%		0.18
90.0%		0.18
75.0%	quartile	0.18
50.0%	median	0.18
25.0%	quartile	0.18
10.0%		0.18
2.5%		0.18
0.5%		0.18
0.0%	minimum	0.18

Moments

Mean	0.18
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

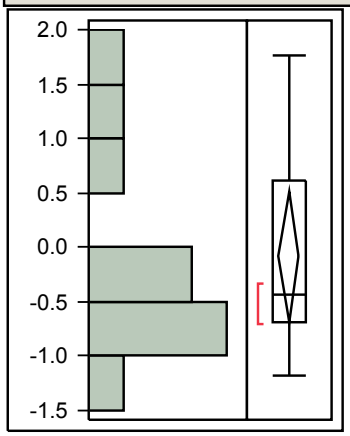
Distributions Analyte_Method=Benzo(k)fluoranthene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=beta-BHC
Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	1.77
99.5%		1.77
97.5%		1.77
90.0%		1.654
75.0%	quartile	0.61
50.0%	median	-0.44
25.0%	quartile	-0.69
10.0%		-1.086
2.5%		-1.18
0.5%		-1.18
0.0%	minimum	-1.18

Moments

Mean	-0.085455
Std Dev	0.8986363
Std Err Mean	0.2709491
Upper 95% Mean	0.5182576
Lower 95% Mean	-0.689167
N	11

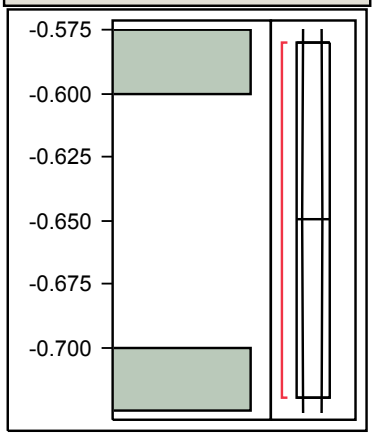
Distributions
Analyte_Method=beta-BHC Other

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=beta-BHC Other

ZScore



Quantiles

100.0%	maximum	-0.58
99.5%		-0.58
97.5%		-0.58
90.0%		-0.58
75.0%	quartile	-0.58
50.0%	median	-0.65
25.0%	quartile	-0.72
10.0%		-0.72
2.5%		-0.72
0.5%		-0.72
0.0%	minimum	-0.72

Moments

Mean	-0.65
Std Dev	0.0989949
Std Err Mean	0.07
Upper 95% Mean	0.2394343
Lower 95% Mean	-1.539434
N	2

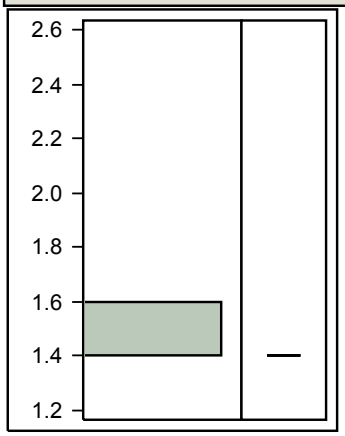
Distributions Analyte_Method=beta-BHC
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=bis(2-chloroethoxy)methane Other

ZScore



Quantiles

100.0%	maximum	1.4
99.5%		1.4
97.5%		1.4
90.0%		1.4
75.0%	quartile	1.4
50.0%	median	1.4
25.0%	quartile	1.4
10.0%		1.4
2.5%		1.4
0.5%		1.4
0.0%	minimum	1.4

Moments

Mean	1.4
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

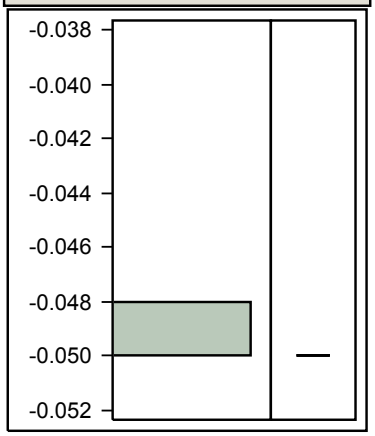
Distributions Analyte_Method=bis(2-chloroethoxy)methane Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=bis(2-chloroethoxy)methane Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.05
99.5%		-0.05
97.5%		-0.05
90.0%		-0.05
75.0%	quartile	-0.05
50.0%	median	-0.05
25.0%	quartile	-0.05
10.0%		-0.05
2.5%		-0.05
0.5%		-0.05
0.0%	minimum	-0.05

Moments

Mean	-0.05
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

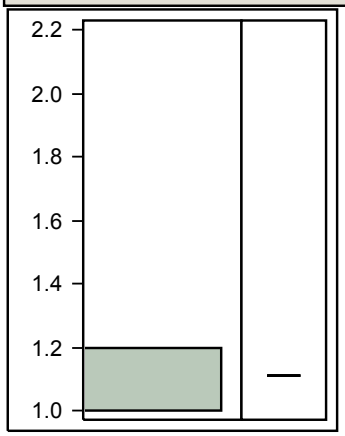
Distributions Analyte_Method=bis(2-chloroethoxy)methane Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=bis(2-chloroethyl)ether Other

ZScore



Quantiles

100.0%	maximum	1.11
99.5%		1.11
97.5%		1.11
90.0%		1.11
75.0%	quartile	1.11
50.0%	median	1.11
25.0%	quartile	1.11
10.0%		1.11
2.5%		1.11
0.5%		1.11
0.0%	minimum	1.11

Moments

Mean	1.11
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

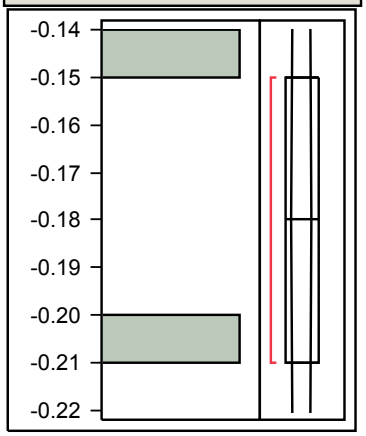
Distributions Analyte_Method=bis(2-chloroethyl)ether Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=bis(2-chloroethyl)ether Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.15
99.5%		-0.15
97.5%		-0.15
90.0%		-0.15
75.0%	quartile	-0.15
50.0%	median	-0.18
25.0%	quartile	-0.21
10.0%		-0.21
2.5%		-0.21
0.5%		-0.21
0.0%	minimum	-0.21

Moments

Mean	-0.18
Std Dev	0.0424264
Std Err Mean	0.03
Upper 95% Mean	0.2011861
Lower 95% Mean	-0.561186
N	2

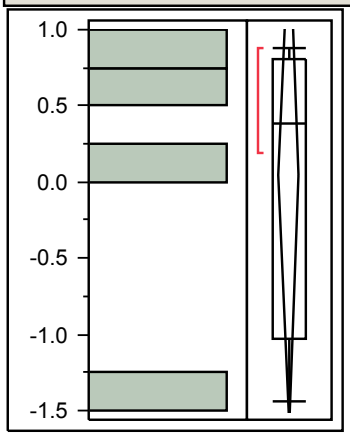
Distributions Analyte_Method=bis(2-chloroethyl)ether Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=bis(2-chloroisopropyl)ether Other

ZScore



Quantiles

100.0%	maximum	0.88
99.5%		0.88
97.5%		0.88
90.0%		0.88
75.0%	quartile	0.8025
50.0%	median	0.38
25.0%	quartile	-1.0325
10.0%		-1.44
2.5%		-1.44
0.5%		-1.44
0.0%	minimum	-1.44

Moments

Mean	0.05
Std Dev	1.0326342
Std Err Mean	0.5163171
Upper 95% Mean	1.6931514
Lower 95% Mean	-1.593151
N	4

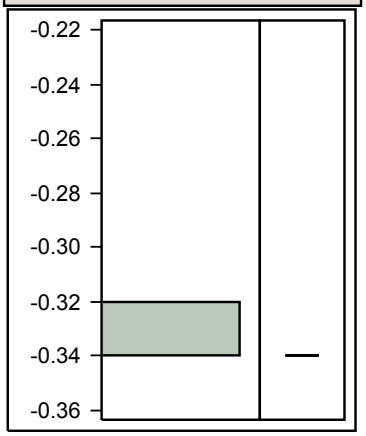
Distributions Analyte_Method=bis(2-chloroisopropyl)ether Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=bis(2-chloroisopropyl)ether Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.34
99.5%		-0.34
97.5%		-0.34
90.0%		-0.34
75.0%	quartile	-0.34
50.0%	median	-0.34
25.0%	quartile	-0.34
10.0%		-0.34
2.5%		-0.34
0.5%		-0.34
0.0%	minimum	-0.34

Moments

Mean	-0.34
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

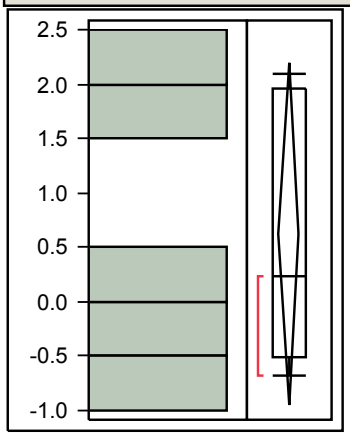
Distributions Analyte_Method=bis(2-chloroisopropyl)ether Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Bis(2-ethylhexyl)phthalate Other

ZScore



Quantiles

100.0%	maximum	2.1
99.5%		2.1
97.5%		2.1
90.0%		2.1
75.0%	quartile	1.965
50.0%	median	0.23
25.0%	quartile	-0.51
10.0%		-0.68
2.5%		-0.68
0.5%		-0.68
0.0%	minimum	-0.68

Moments

Mean	0.628
Std Dev	1.2666768
Std Err Mean	0.5664751
Upper 95% Mean	2.2007869
Lower 95% Mean	-0.944787
N	5

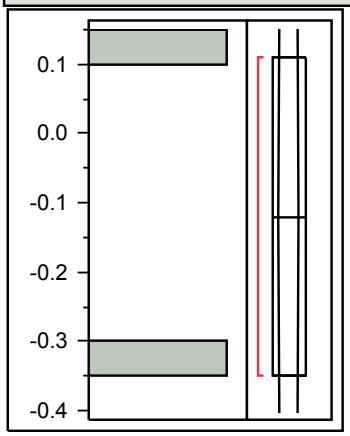
Distributions Analyte_Method=Bis(2-ethylhexyl)phthalate Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Bis(2-ethylhexyl)phthalate Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.11
99.5%		0.11
97.5%		0.11
90.0%		0.11
75.0%	quartile	0.11
50.0%	median	-0.12
25.0%	quartile	-0.35
10.0%		-0.35
2.5%		-0.35
0.5%		-0.35
0.0%	minimum	-0.35

Moments

Mean	-0.12
Std Dev	0.3252691
Std Err Mean	0.23
Upper 95% Mean	2.8024271
Lower 95% Mean	-3.042427
N	2

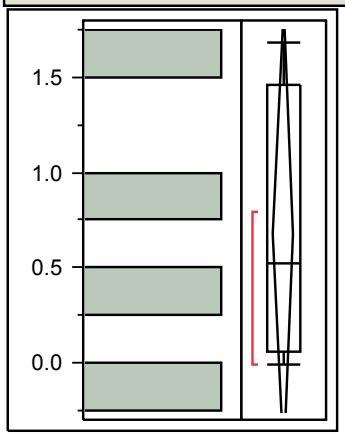
Distributions Analyte_Method=Bis(2-ethylhexyl)phthalate Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Butylbenzylphthalate Other

ZScore



Quantiles

100.0%	maximum	1.68
99.5%		1.68
97.5%		1.68
90.0%		1.68
75.0%	quartile	1.4575
50.0%	median	0.52
25.0%	quartile	0.055
10.0%		-0.01
2.5%		-0.01
0.5%		-0.01
0.0%	minimum	-0.01

Moments

Mean	0.6775
Std Dev	0.7467876
Std Err Mean	0.3733938
Upper 95% Mean	1.8658057
Lower 95% Mean	-0.510806
N	4

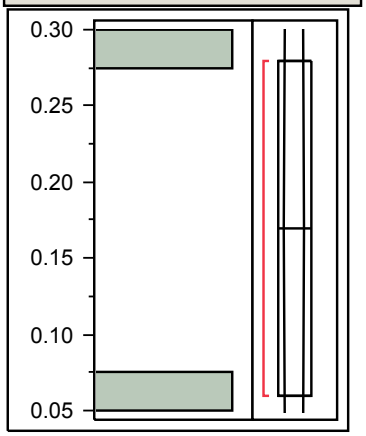
Distributions Analyte_Method=Butylbenzylphthalate Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Butylbenzylphthalate Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.28
99.5%		0.28
97.5%		0.28
90.0%		0.28
75.0%	quartile	0.28
50.0%	median	0.17
25.0%	quartile	0.06
10.0%		0.06
2.5%		0.06
0.5%		0.06
0.0%	minimum	0.06

Moments

Mean	0.17
Std Dev	0.1555635
Std Err Mean	0.11
Upper 95% Mean	1.5676825
Lower 95% Mean	-1.227683
N	2

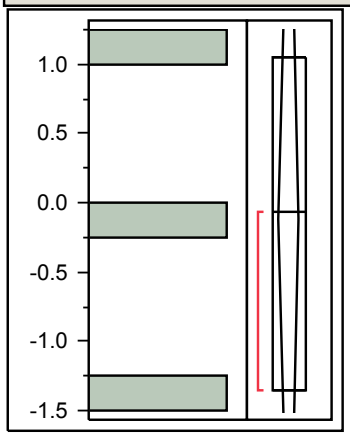
Distributions Analyte_Method=Butylbenzylphthalate Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Chrysene Other

ZScore



Quantiles

100.0%	maximum	1.05
99.5%		1.05
97.5%		1.05
90.0%		1.05
75.0%	quartile	1.05
50.0%	median	-0.06
25.0%	quartile	-1.35
10.0%		-1.35
2.5%		-1.35
0.5%		-1.35
0.0%	minimum	-1.35

Moments

Mean	-0.12
Std Dev	1.2011245
Std Err Mean	0.6934695
Upper 95% Mean	2.8637586
Lower 95% Mean	-3.103759
N	3

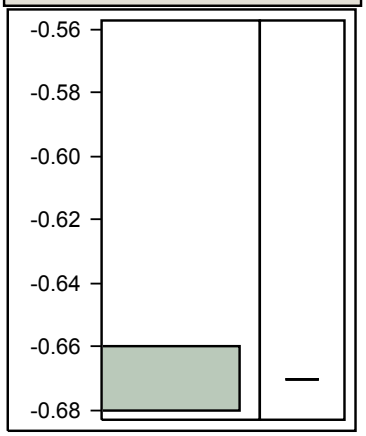
Distributions Analyte_Method=Chrysene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Chrysene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.67
99.5%		-0.67
97.5%		-0.67
90.0%		-0.67
75.0%	quartile	-0.67
50.0%	median	-0.67
25.0%	quartile	-0.67
10.0%		-0.67
2.5%		-0.67
0.5%		-0.67
0.0%	minimum	-0.67

Moments

Mean	-0.67
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

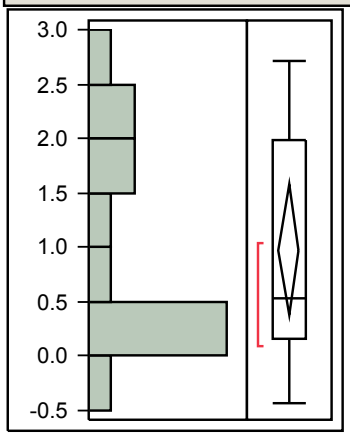
Distributions Analyte_Method=Chrysene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=delta-BHC Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	2.71
99.5%		2.71
97.5%		2.71
90.0%		2.56
75.0%	quartile	1.99
50.0%	median	0.53
25.0%	quartile	0.1525
10.0%		-0.175
2.5%		-0.44
0.5%		-0.44
0.0%	minimum	-0.44

Moments

Mean	0.9728571
Std Dev	1.0400697
Std Err Mean	0.2779703
Upper 95% Mean	1.5733755
Lower 95% Mean	0.3723388
N	14

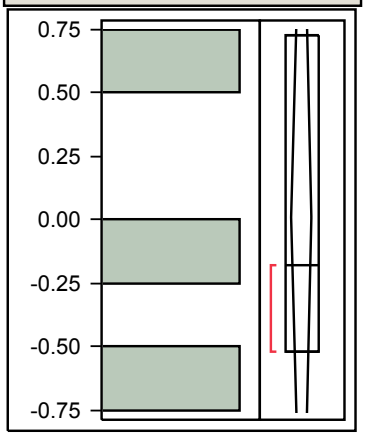
Distributions Analyte_Method=delta-BHC Other

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=delta-BHC Other

ZScore



Quantiles

100.0%	maximum	0.73
99.5%		0.73
97.5%		0.73
90.0%		0.73
75.0%	quartile	0.73
50.0%	median	-0.18
25.0%	quartile	-0.52
10.0%		-0.52
2.5%		-0.52
0.5%		-0.52
0.0%	minimum	-0.52

Moments

Mean	0.01
Std Dev	0.6462971
Std Err Mean	0.3731398
Upper 95% Mean	1.6154911
Lower 95% Mean	-1.595491
N	3

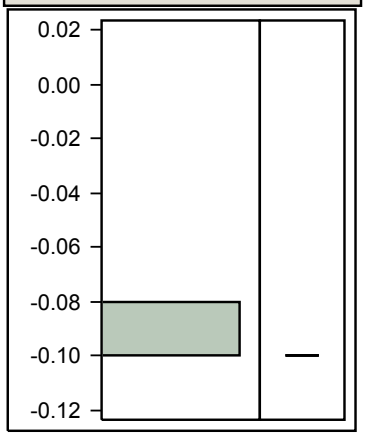
Distributions Analyte_Method=delta-BHC
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Dibenzofuran Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.1
99.5%		-0.1
97.5%		-0.1
90.0%		-0.1
75.0%	quartile	-0.1
50.0%	median	-0.1
25.0%	quartile	-0.1
10.0%		-0.1
2.5%		-0.1
0.5%		-0.1
0.0%	minimum	-0.1

Moments

Mean	-0.1
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

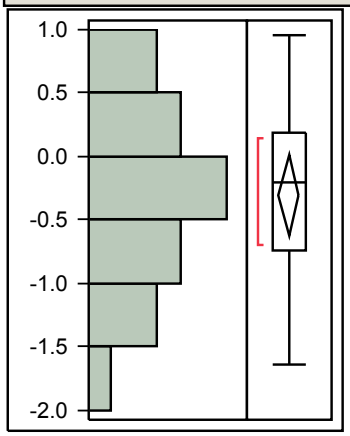
Distributions Analyte_Method=Dibenzofuran Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Dieldrin Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	0.96
99.5%		0.96
97.5%		0.96
90.0%		0.68
75.0%	quartile	0.19
50.0%	median	-0.21
25.0%	quartile	-0.74
10.0%		-1.408
2.5%		-1.64
0.5%		-1.64
0.0%	minimum	-1.64

Moments

Mean	-0.306667
Std Dev	0.7036642
Std Err Mean	0.1535521
Upper 95% Mean	0.0136374
Lower 95% Mean	-0.626971
N	21

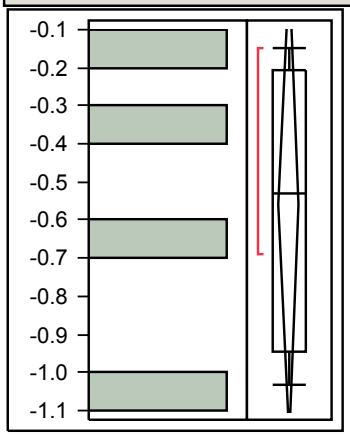
Distributions Analyte_Method=Dieldrin Other

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Dieldrin Other

ZScore



Quantiles

100.0%	maximum	-0.15
99.5%		-0.15
97.5%		-0.15
90.0%		-0.15
75.0%	quartile	-0.205
50.0%	median	-0.53
25.0%	quartile	-0.945
10.0%		-1.03
2.5%		-1.03
0.5%		-1.03
0.0%	minimum	-1.03

Moments

Mean	-0.56
Std Dev	0.3838402
Std Err Mean	0.1919201
Upper 95% Mean	0.0507755
Lower 95% Mean	-1.170775
N	4

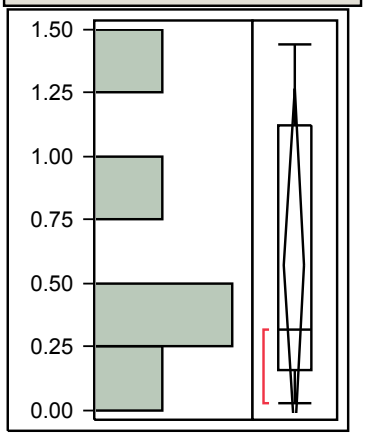
Distributions Analyte_Method=Dieldrin
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Diethylphthalate Other

ZScore



Quantiles

100.0%	maximum	1.44
99.5%		1.44
97.5%		1.44
90.0%		1.44
75.0%	quartile	1.12
50.0%	median	0.32
25.0%	quartile	0.16
10.0%		0.03
2.5%		0.03
0.5%		0.03
0.0%	minimum	0.03

Moments

Mean	0.576
Std Dev	0.5572522
Std Err Mean	0.2492108
Upper 95% Mean	1.26792
Lower 95% Mean	-0.11592
N	5

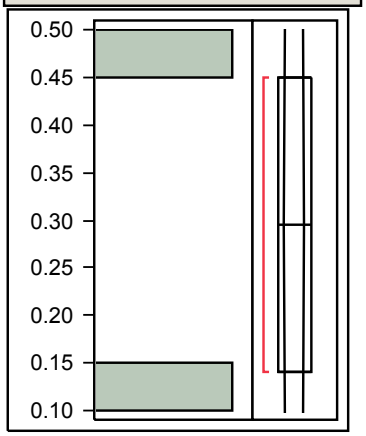
Distributions Analyte_Method=Diethylphthalate
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Diethylphthalate Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.45
99.5%		0.45
97.5%		0.45
90.0%		0.45
75.0%	quartile	0.45
50.0%	median	0.295
25.0%	quartile	0.14
10.0%		0.14
2.5%		0.14
0.5%		0.14
0.0%	minimum	0.14

Moments

Mean	0.295
Std Dev	0.2192031
Std Err Mean	0.155
Upper 95% Mean	2.2644617
Lower 95% Mean	-1.674462
N	2

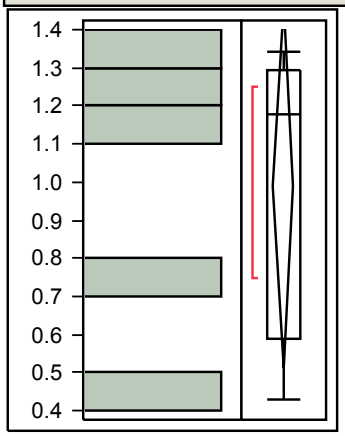
Distributions Analyte_Method=Diethylphthalate Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Dimethylphthalate Other

ZScore



Quantiles

100.0%	maximum	1.34
99.5%		1.34
97.5%		1.34
90.0%		1.34
75.0%	quartile	1.295
50.0%	median	1.18
25.0%	quartile	0.59
10.0%		0.43
2.5%		0.43
0.5%		0.43
0.0%	minimum	0.43

Moments

Mean	0.99
Std Dev	0.3864583
Std Err Mean	0.1728294
Upper 95% Mean	1.4698513
Lower 95% Mean	0.5101487
N	5

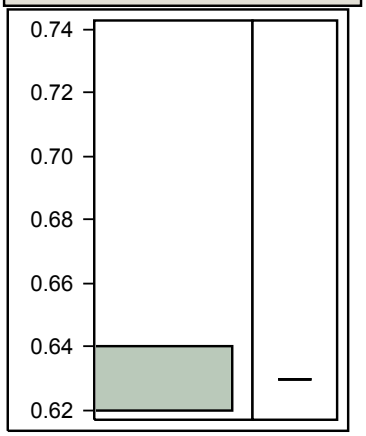
Distributions Analyte_Method=Dimethylphthalate Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Dimethylphthalate Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.63
99.5%		0.63
97.5%		0.63
90.0%		0.63
75.0%	quartile	0.63
50.0%	median	0.63
25.0%	quartile	0.63
10.0%		0.63
2.5%		0.63
0.5%		0.63
0.0%	minimum	0.63

Moments

Mean	0.63
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

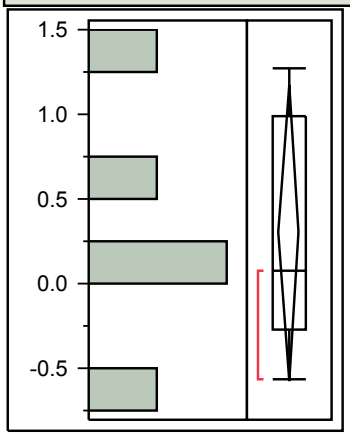
Distributions Analyte_Method=Dimethylphthalate Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Di-n-butylphthalate Other

ZScore



Quantiles

100.0%	maximum	1.27
99.5%		1.27
97.5%		1.27
90.0%		1.27
75.0%	quartile	0.99
50.0%	median	0.08
25.0%	quartile	-0.275
10.0%		-0.57
2.5%		-0.57
0.5%		-0.57
0.0%	minimum	-0.57

Moments

Mean	0.302
Std Dev	0.7058116
Std Err Mean	0.3156485
Upper 95% Mean	1.1783808
Lower 95% Mean	-0.574381
N	5

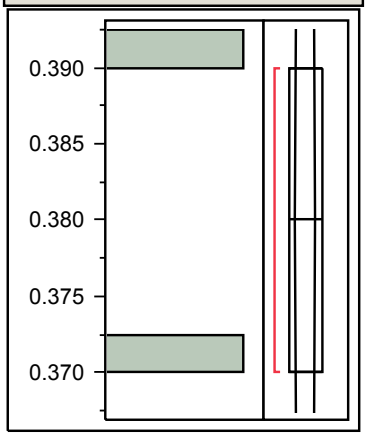
Distributions Analyte_Method=Di-n-butylphthalate Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Di-n-butylphthalate Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.39
99.5%		0.39
97.5%		0.39
90.0%		0.39
75.0%	quartile	0.39
50.0%	median	0.38
25.0%	quartile	0.37
10.0%		0.37
2.5%		0.37
0.5%		0.37
0.0%	minimum	0.37

Moments

Mean	0.38
Std Dev	0.0141421
Std Err Mean	0.01
Upper 95% Mean	0.507062
Lower 95% Mean	0.252938
N	2

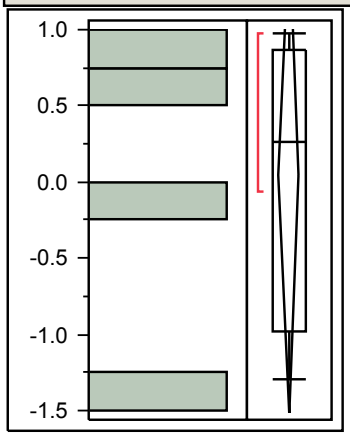
Distributions Analyte_Method=Di-n-butylphthalate Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Di-n-octylphthalate Other

ZScore



Quantiles

100.0%	maximum	0.97
99.5%		0.97
97.5%		0.97
90.0%		0.97
75.0%	quartile	0.8725
50.0%	median	0.26
25.0%	quartile	-0.9825
10.0%		-1.29
2.5%		-1.29
0.5%		-1.29
0.0%	minimum	-1.29

Moments

Mean	0.05
Std Dev	0.9891073
Std Err Mean	0.4945537
Upper 95% Mean	1.6238905
Lower 95% Mean	-1.523891
N	4

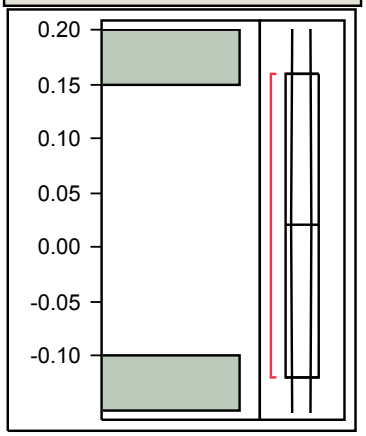
Distributions Analyte_Method=Di-n-octylphthalate Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Di-n-octylphthalate Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.16
99.5%		0.16
97.5%		0.16
90.0%		0.16
75.0%	quartile	0.16
50.0%	median	0.02
25.0%	quartile	-0.12
10.0%		-0.12
2.5%		-0.12
0.5%		-0.12
0.0%	minimum	-0.12

Moments

Mean	0.02
Std Dev	0.1979899
Std Err Mean	0.14
Upper 95% Mean	1.7988687
Lower 95% Mean	-1.758869
N	2

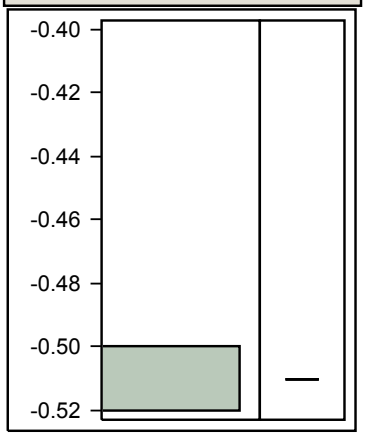
Distributions Analyte_Method=Di-n-octylphthalate Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Endosulfan II Other

ZScore



Quantiles

100.0%	maximum	-0.51
99.5%		-0.51
97.5%		-0.51
90.0%		-0.51
75.0%	quartile	-0.51
50.0%	median	-0.51
25.0%	quartile	-0.51
10.0%		-0.51
2.5%		-0.51
0.5%		-0.51
0.0%	minimum	-0.51

Moments

Mean	-0.51
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

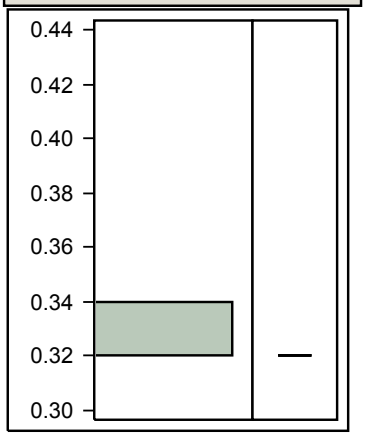
Distributions Analyte_Method=Endosulfan II Soxhlet Extraction (Method 3540C)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Endosulfan sulfate Other

ZScore



Quantiles

100.0%	maximum	0.32
99.5%		0.32
97.5%		0.32
90.0%		0.32
75.0%	quartile	0.32
50.0%	median	0.32
25.0%	quartile	0.32
10.0%		0.32
2.5%		0.32
0.5%		0.32
0.0%	minimum	0.32

Moments

Mean	0.32
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

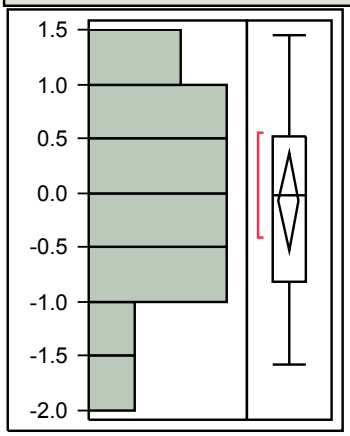
Distributions Analyte_Method=Endosulfan sulfate Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Endrin Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	1.45
99.5%		1.45
97.5%		1.45
90.0%		1.296
75.0%	quartile	0.5175
50.0%	median	-0.03
25.0%	quartile	-0.81
10.0%		-1.188
2.5%		-1.58
0.5%		-1.58
0.0%	minimum	-1.58

Moments

Mean	-0.078125
Std Dev	0.8344197
Std Err Mean	0.2086049
Upper 95% Mean	0.3665059
Lower 95% Mean	-0.522756
N	16

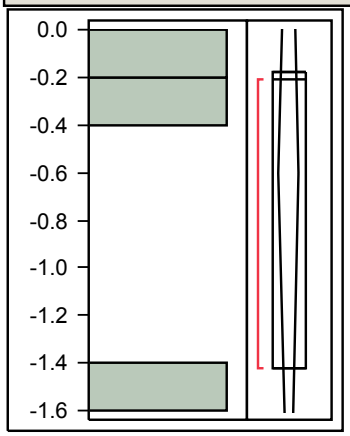
Distributions Analyte_Method=Endrin Other

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Endrin Other

ZScore



Quantiles

100.0%	maximum	-0.18
99.5%		-0.18
97.5%		-0.18
90.0%		-0.18
75.0%	quartile	-0.18
50.0%	median	-0.21
25.0%	quartile	-1.42
10.0%		-1.42
2.5%		-1.42
0.5%		-1.42
0.0%	minimum	-1.42

Moments

Mean	-0.603333
Std Dev	0.7074131
Std Err Mean	0.4084252
Upper 95% Mean	1.1539783
Lower 95% Mean	-2.360645
N	3

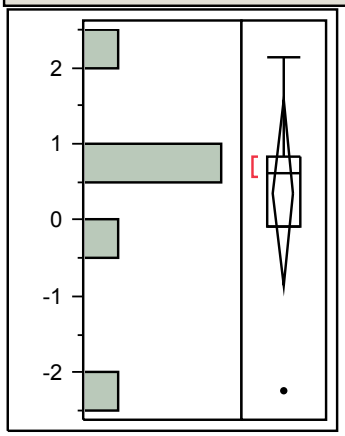
Distributions Analyte_Method=Endrin Soxhlet Extraction (Method 3540C)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Endrin Aldehyde Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	2.14
99.5%		2.14
97.5%		2.14
90.0%		2.14
75.0%	quartile	0.84
50.0%	median	0.61
25.0%	quartile	-0.08
10.0%		-2.24
2.5%		-2.24
0.5%		-2.24
0.0%	minimum	-2.24

Moments

Mean	0.3571429
Std Dev	1.3260809
Std Err Mean	0.5012115
Upper 95% Mean	1.5835631
Lower 95% Mean	-0.869277
N	7

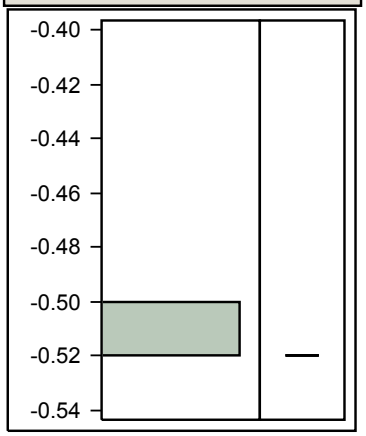
Distributions Analyte_Method=Endrin Aldehyde Other

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Endrin Ketone Other

ZScore



Quantiles

100.0%	maximum	-0.52
99.5%		-0.52
97.5%		-0.52
90.0%		-0.52
75.0%	quartile	-0.52
50.0%	median	-0.52
25.0%	quartile	-0.52
10.0%		-0.52
2.5%		-0.52
0.5%		-0.52
0.0%	minimum	-0.52

Moments

Mean	-0.52
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

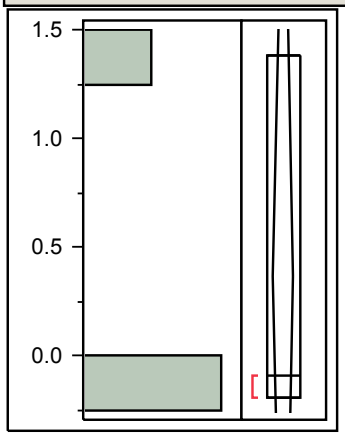
Distributions Analyte_Method=Endrin Ketone Soxhlet Extraction (Method 3540C)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Fluoranthene Other

ZScore



Quantiles

100.0%	maximum	1.38
99.5%		1.38
97.5%		1.38
90.0%		1.38
75.0%	quartile	1.38
50.0%	median	-0.09
25.0%	quartile	-0.19
10.0%		-0.19
2.5%		-0.19
0.5%		-0.19
0.0%	minimum	-0.19

Moments

Mean	0.3666667
Std Dev	0.8789956
Std Err Mean	0.5074884
Upper 95% Mean	2.5502129
Lower 95% Mean	-1.81688
N	3

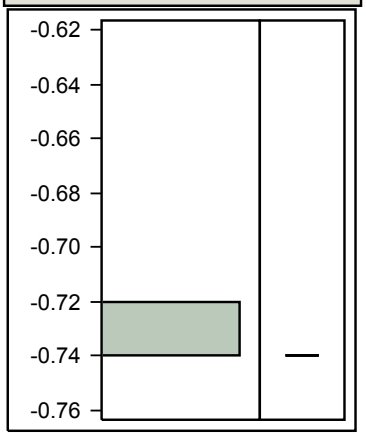
Distributions Analyte_Method=Fluoranthene
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Fluoranthene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.74
99.5%		-0.74
97.5%		-0.74
90.0%		-0.74
75.0%	quartile	-0.74
50.0%	median	-0.74
25.0%	quartile	-0.74
10.0%		-0.74
2.5%		-0.74
0.5%		-0.74
0.0%	minimum	-0.74

Moments

Mean	-0.74
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

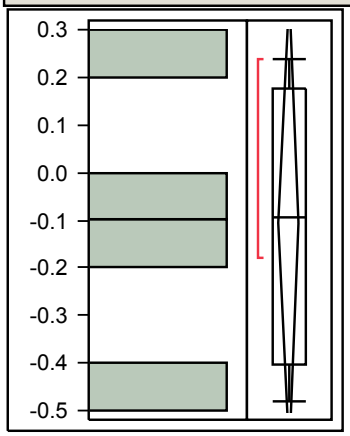
Distributions Analyte_Method=Fluoranthene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Fluorene Other

ZScore



Quantiles

100.0%	maximum	0.24
99.5%		0.24
97.5%		0.24
90.0%		0.24
75.0%	quartile	0.1775
50.0%	median	-0.095
25.0%	quartile	-0.405
10.0%		-0.48
2.5%		-0.48
0.5%		-0.48
0.0%	minimum	-0.48

Moments

Mean	-0.1075
Std Dev	0.3023657
Std Err Mean	0.1511828
Upper 95% Mean	0.3736313
Lower 95% Mean	-0.588631
N	4

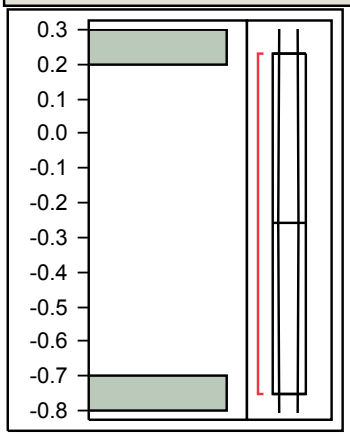
Distributions Analyte_Method=Fluorene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Fluorene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.23
99.5%		0.23
97.5%		0.23
90.0%		0.23
75.0%	quartile	0.23
50.0%	median	-0.26
25.0%	quartile	-0.75
10.0%		-0.75
2.5%		-0.75
0.5%		-0.75
0.0%	minimum	-0.75

Moments

Mean	-0.26
Std Dev	0.6929646
Std Err Mean	0.49
Upper 95% Mean	5.9660403
Lower 95% Mean	-6.48604
N	2

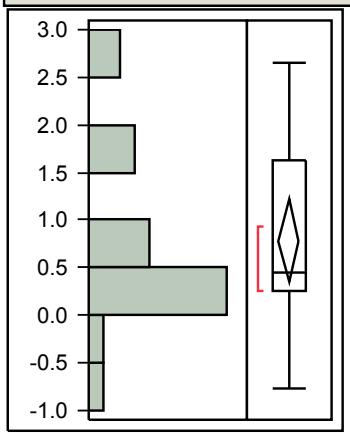
Distributions Analyte_Method=Fluorene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=gamma-BHC (Lindane) Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	2.65
99.5%		2.65
97.5%		2.65
90.0%		2.469
75.0%	quartile	1.6275
50.0%	median	0.445
25.0%	quartile	0.265
10.0%		-0.332
2.5%		-0.77
0.5%		-0.77
0.0%	minimum	-0.77

Moments

Mean	0.782
Std Dev	0.9271893
Std Err Mean	0.2073258
Upper 95% Mean	1.215938
Lower 95% Mean	0.348062
N	20

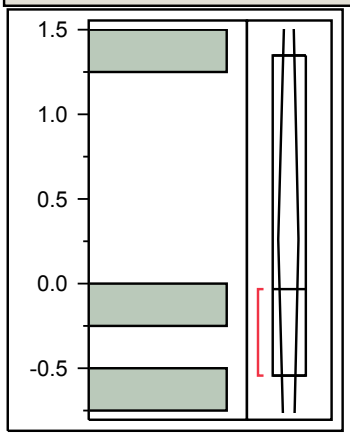
Distributions Analyte_Method=gamma-BHC (Lindane) Other

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=gamma-BHC (Lindane) Other

ZScore



Quantiles

100.0%	maximum	1.35
99.5%		1.35
97.5%		1.35
90.0%		1.35
75.0%	quartile	1.35
50.0%	median	-0.03
25.0%	quartile	-0.54
10.0%		-0.54
2.5%		-0.54
0.5%		-0.54
0.0%	minimum	-0.54

Moments

Mean	0.26
Std Dev	0.9778037
Std Err Mean	0.5645352
Upper 95% Mean	2.6889989
Lower 95% Mean	-2.168999
N	3

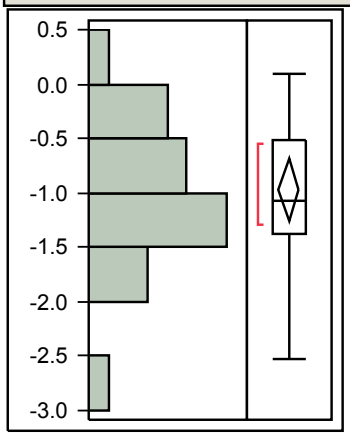
Distributions Analyte_Method=gamma-BHC (Lindane) Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Heptachlor Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	0.1
99.5%		0.1
97.5%		0.1
90.0%		-0.276
75.0%	quartile	-0.51
50.0%	median	-1.07
25.0%	quartile	-1.37
10.0%		-1.914
2.5%		-2.52
0.5%		-2.52
0.0%	minimum	-2.52

Moments

Mean	-0.976667
Std Dev	0.6305262
Std Err Mean	0.1375921
Upper 95% Mean	-0.689655
Lower 95% Mean	-1.263679
N	21

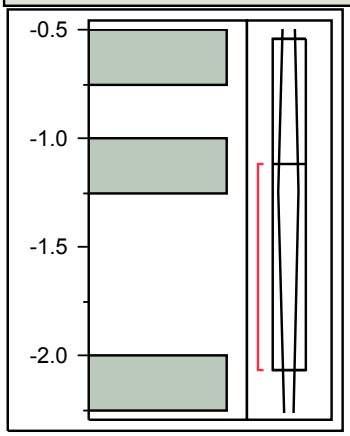
Distributions Analyte_Method=Heptachlor Other

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Heptachlor Other

ZScore



Quantiles

100.0%	maximum	-0.54
99.5%		-0.54
97.5%		-0.54
90.0%		-0.54
75.0%	quartile	-0.54
50.0%	median	-1.12
25.0%	quartile	-2.06
10.0%		-2.06
2.5%		-2.06
0.5%		-2.06
0.0%	minimum	-2.06

Moments

Mean	-1.24
Std Dev	0.7670724
Std Err Mean	0.4428694
Upper 95% Mean	0.6655134
Lower 95% Mean	-3.145513
N	3

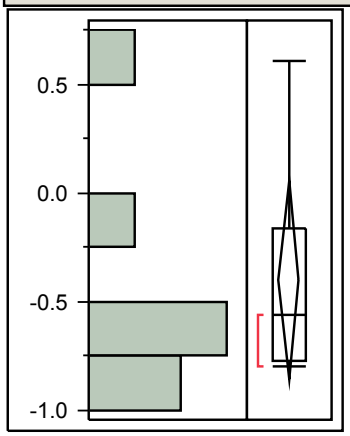
Distributions Analyte_Method=Heptachlor Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Heptachlor epoxide Continuous Liquid-Liquid Extraction (Method 3520C)

ZScore



Quantiles

100.0%	maximum	0.61
99.5%		0.61
97.5%		0.61
90.0%		0.61
75.0%	quartile	-0.16
50.0%	median	-0.56
25.0%	quartile	-0.77
10.0%		-0.8
2.5%		-0.8
0.5%		-0.8
0.0%	minimum	-0.8

Moments

Mean	-0.398571
Std Dev	0.4919834
Std Err Mean	0.1859522
Upper 95% Mean	0.0564373
Lower 95% Mean	-0.85358
N	7

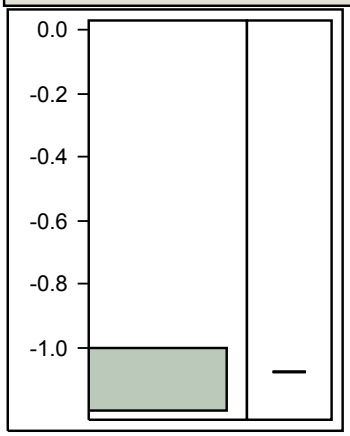
Distributions Analyte_Method=Heptachlor epoxide Other

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Heptachlor epoxide Other

ZScore



Quantiles

100.0%	maximum	-1.08
99.5%		-1.08
97.5%		-1.08
90.0%		-1.08
75.0%	quartile	-1.08
50.0%	median	-1.08
25.0%	quartile	-1.08
10.0%		-1.08
2.5%		-1.08
0.5%		-1.08
0.0%	minimum	-1.08

Moments

Mean	-1.08
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

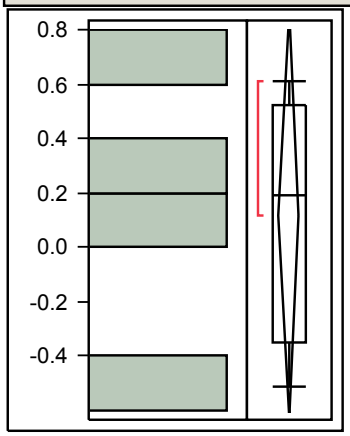
Distributions Analyte_Method=Heptachlor epoxide Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Hexachlorobenzene Other

ZScore



Quantiles

100.0%	maximum	0.61
99.5%		0.61
97.5%		0.61
90.0%		0.61
75.0%	quartile	0.5225
50.0%	median	0.19
25.0%	quartile	-0.3525
10.0%		-0.51
2.5%		-0.51
0.5%		-0.51
0.0%	minimum	-0.51

Moments

Mean	0.12
Std Dev	0.4678319
Std Err Mean	0.2339159
Upper 95% Mean	0.8644249
Lower 95% Mean	-0.624425
N	4

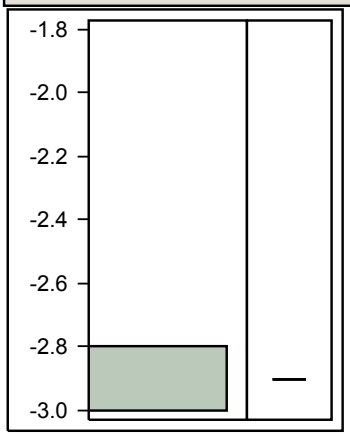
Distributions Analyte_Method=Hexachlorobenzene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Hexachlorobenzene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-2.9
99.5%		-2.9
97.5%		-2.9
90.0%		-2.9
75.0%	quartile	-2.9
50.0%	median	-2.9
25.0%	quartile	-2.9
10.0%		-2.9
2.5%		-2.9
0.5%		-2.9
0.0%	minimum	-2.9

Moments

Mean	-2.9
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

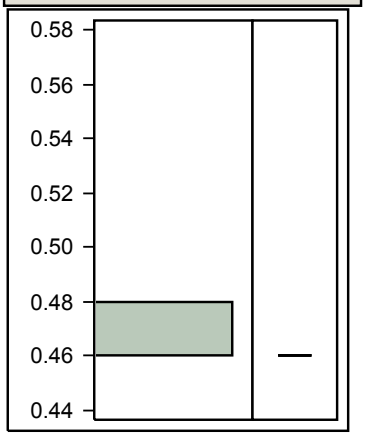
Distributions Analyte_Method=Hexachlorobenzene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Hexachlorobutadiene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.46
99.5%		0.46
97.5%		0.46
90.0%		0.46
75.0%	quartile	0.46
50.0%	median	0.46
25.0%	quartile	0.46
10.0%		0.46
2.5%		0.46
0.5%		0.46
0.0%	minimum	0.46

Moments

Mean	0.46
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

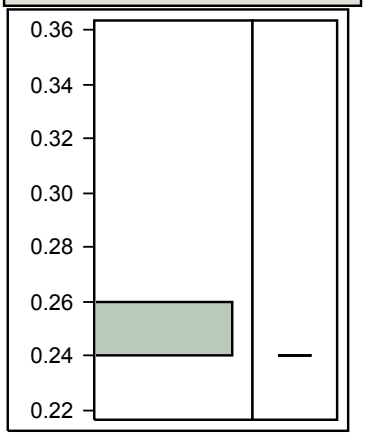
Distributions Analyte_Method=Hexachlorobutadiene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Hexachlorocyclopentadiene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.24
99.5%		0.24
97.5%		0.24
90.0%		0.24
75.0%	quartile	0.24
50.0%	median	0.24
25.0%	quartile	0.24
10.0%		0.24
2.5%		0.24
0.5%		0.24
0.0%	minimum	0.24

Moments

Mean	0.24
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

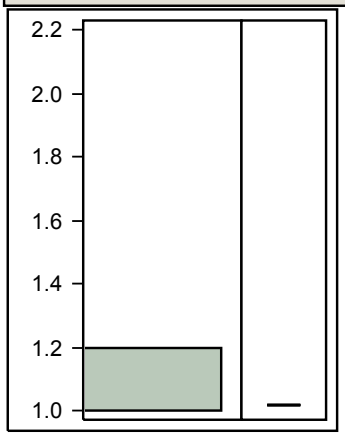
Distributions Analyte_Method=Hexachlorocyclopentadiene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Hexachloroethane Other

ZScore



Quantiles

100.0%	maximum	1.02
99.5%		1.02
97.5%		1.02
90.0%		1.02
75.0%	quartile	1.02
50.0%	median	1.02
25.0%	quartile	1.02
10.0%		1.02
2.5%		1.02
0.5%		1.02
0.0%	minimum	1.02

Moments

Mean	1.02
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

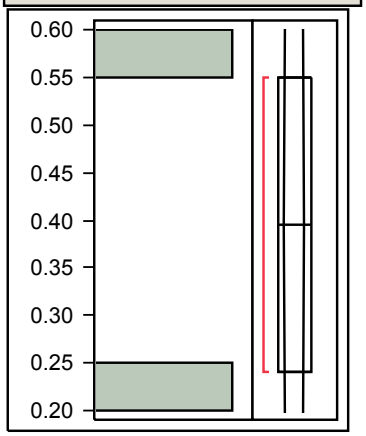
Distributions Analyte_Method=Hexachloroethane
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Hexachloroethane Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.55
99.5%		0.55
97.5%		0.55
90.0%		0.55
75.0%	quartile	0.55
50.0%	median	0.395
25.0%	quartile	0.24
10.0%		0.24
2.5%		0.24
0.5%		0.24
0.0%	minimum	0.24

Moments

Mean	0.395
Std Dev	0.2192031
Std Err Mean	0.155
Upper 95% Mean	2.3644617
Lower 95% Mean	-1.574462
N	2

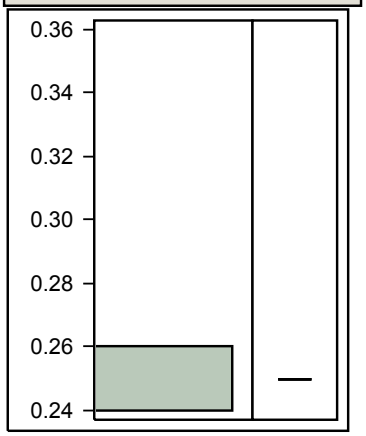
Distributions Analyte_Method=Hexachloroethane Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Isophorone Other

ZScore



Quantiles

100.0%	maximum	0.25
99.5%		0.25
97.5%		0.25
90.0%		0.25
75.0%	quartile	0.25
50.0%	median	0.25
25.0%	quartile	0.25
10.0%		0.25
2.5%		0.25
0.5%		0.25
0.0%	minimum	0.25

Moments

Mean	0.25
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

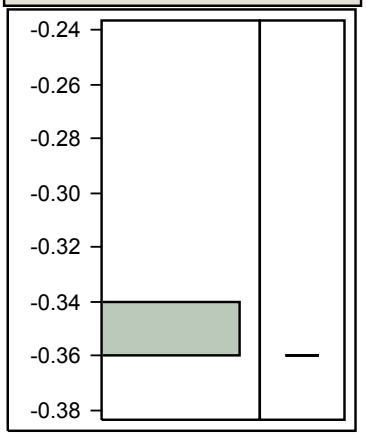
Distributions Analyte_Method=Isophorone
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Isophorone Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.36
99.5%		-0.36
97.5%		-0.36
90.0%		-0.36
75.0%	quartile	-0.36
50.0%	median	-0.36
25.0%	quartile	-0.36
10.0%		-0.36
2.5%		-0.36
0.5%		-0.36
0.0%	minimum	-0.36

Moments

Mean	-0.36
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

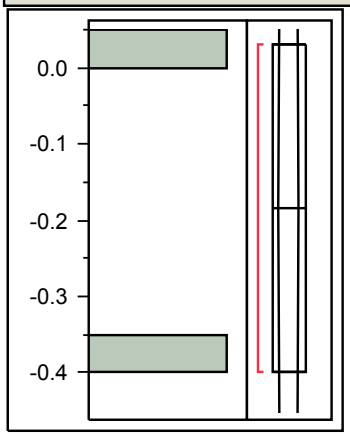
Distributions Analyte_Method=Isophorone Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Methoxychlor Other

ZScore



Quantiles

100.0%	maximum	0.03
99.5%		0.03
97.5%		0.03
90.0%		0.03
75.0%	quartile	0.03
50.0%	median	-0.185
25.0%	quartile	-0.4
10.0%		-0.4
2.5%		-0.4
0.5%		-0.4
0.0%	minimum	-0.4

Moments

Mean	-0.185
Std Dev	0.3040559
Std Err Mean	0.215
Upper 95% Mean	2.546834
Lower 95% Mean	-2.916834
N	2

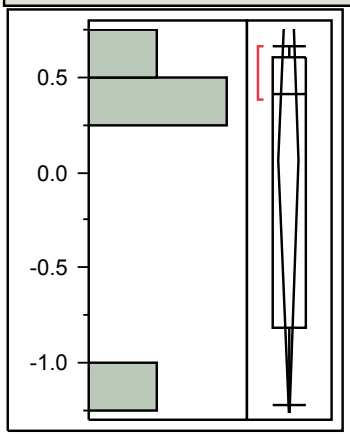
Distributions Analyte_Method=Methoxychlor Soxhlet Extraction (Method 3540C)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Naphthalene Other

ZScore



Quantiles

100.0%	maximum	0.66
99.5%		0.66
97.5%		0.66
90.0%		0.66
75.0%	quartile	0.605
50.0%	median	0.41
25.0%	quartile	-0.82
10.0%		-1.22
2.5%		-1.22
0.5%		-1.22
0.0%	minimum	-1.22

Moments

Mean	0.065
Std Dev	0.8650819
Std Err Mean	0.4325409
Upper 95% Mean	1.4415383
Lower 95% Mean	-1.311538
N	4

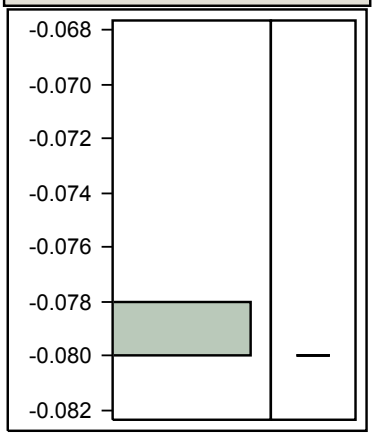
Distributions Analyte_Method=Naphthalene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Naphthalene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.08
99.5%		-0.08
97.5%		-0.08
90.0%		-0.08
75.0%	quartile	-0.08
50.0%	median	-0.08
25.0%	quartile	-0.08
10.0%		-0.08
2.5%		-0.08
0.5%		-0.08
0.0%	minimum	-0.08

Moments

Mean	-0.08
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

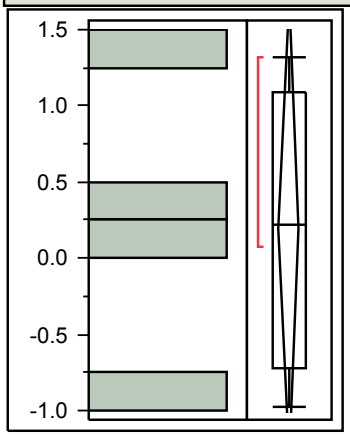
Distributions Analyte_Method=Naphthalene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Nitrobenzene Other

ZScore



Quantiles

100.0%	maximum	1.32
99.5%		1.32
97.5%		1.32
90.0%		1.32
75.0%	quartile	1.085
50.0%	median	0.225
25.0%	quartile	-0.7175
10.0%		-0.98
2.5%		-0.98
0.5%		-0.98
0.0%	minimum	-0.98

Moments

Mean	0.1975
Std Dev	0.9479935
Std Err Mean	0.4739967
Upper 95% Mean	1.7059692
Lower 95% Mean	-1.310969
N	4

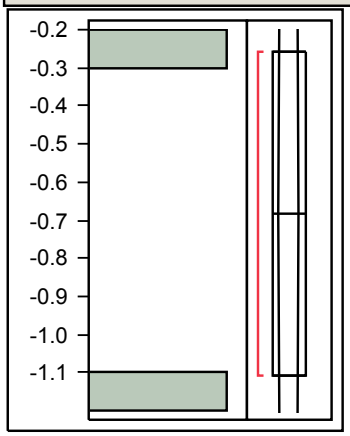
Distributions Analyte_Method=Nitrobenzene
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Nitrobenzene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	-0.26
99.5%		-0.26
97.5%		-0.26
90.0%		-0.26
75.0%	quartile	-0.26
50.0%	median	-0.685
25.0%	quartile	-1.11
10.0%		-1.11
2.5%		-1.11
0.5%		-1.11
0.0%	minimum	-1.11

Moments

Mean	-0.685
Std Dev	0.6010408
Std Err Mean	0.425
Upper 95% Mean	4.715137
Lower 95% Mean	-6.085137
N	2

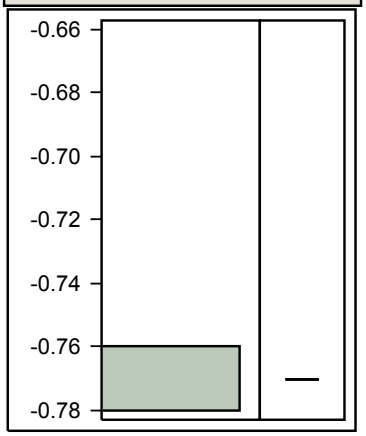
Distributions Analyte_Method=Nitrobenzene Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Phenanthrene Other

ZScore



Quantiles

100.0%	maximum	-0.77
99.5%		-0.77
97.5%		-0.77
90.0%		-0.77
75.0%	quartile	-0.77
50.0%	median	-0.77
25.0%	quartile	-0.77
10.0%		-0.77
2.5%		-0.77
0.5%		-0.77
0.0%	minimum	-0.77

Moments

Mean	-0.77
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

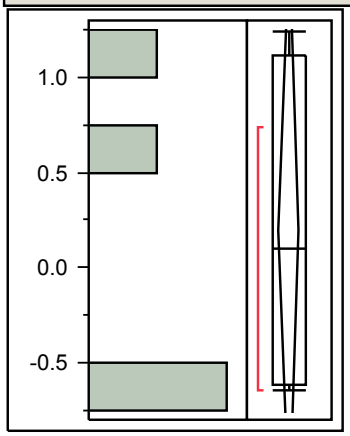
Distributions Analyte_Method=Phenanthrene
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions
Analyte_Method=Phenol Other

ZScore



Quantiles

100.0%	maximum	1.24
99.5%		1.24
97.5%		1.24
90.0%		1.24
75.0%	quartile	1.115
50.0%	median	0.1
25.0%	quartile	-0.615
10.0%		-0.64
2.5%		-0.64
0.5%		-0.64
0.0%	minimum	-0.64

Moments

Mean	0.2
Std Dev	0.9356638
Std Err Mean	0.4678319
Upper 95% Mean	1.6888498
Lower 95% Mean	-1.28885
N	4

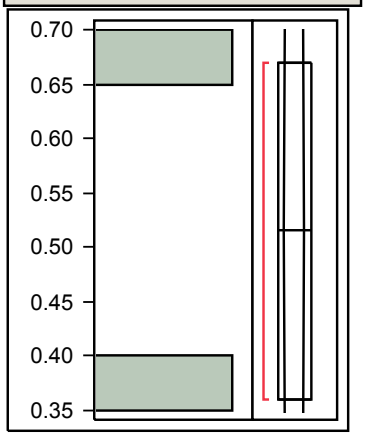
Distributions Analyte_Method=Phenol
Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Phenol Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.67
99.5%		0.67
97.5%		0.67
90.0%		0.67
75.0%	quartile	0.67
50.0%	median	0.515
25.0%	quartile	0.36
10.0%		0.36
2.5%		0.36
0.5%		0.36
0.0%	minimum	0.36

Moments

Mean	0.515
Std Dev	0.2192031
Std Err Mean	0.155
Upper 95% Mean	2.4844617
Lower 95% Mean	-1.454462
N	2

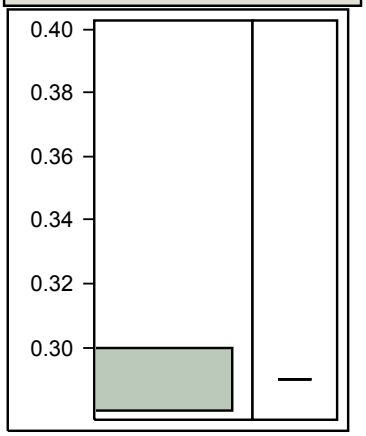
Distributions Analyte_Method=Phenol Ultrasonic Extraction (Method 3550B)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Pyrene Other

ZScore



Quantiles

100.0%	maximum	0.29
99.5%		0.29
97.5%		0.29
90.0%		0.29
75.0%	quartile	0.29
50.0%	median	0.29
25.0%	quartile	0.29
10.0%		0.29
2.5%		0.29
0.5%		0.29
0.0%	minimum	0.29

Moments

Mean	0.29
Std Dev	.
Std Err Mean	.
Upper 95% Mean	.
Lower 95% Mean	.
N	1

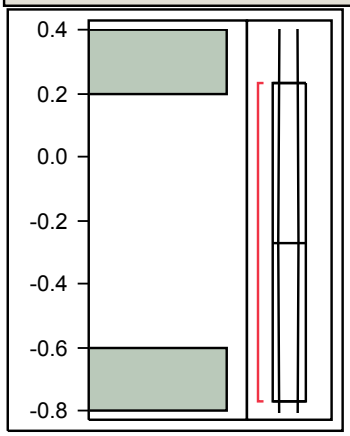
Distributions Analyte_Method=Pyrene Pressurized Fluid Extraction (Method 3545A)

ZScore

OrW Distribution by Prep Method

Distributions Analyte_Method=Pyrene Soxhlet Extraction (Method 3540C)

ZScore



Quantiles

100.0%	maximum	0.23
99.5%		0.23
97.5%		0.23
90.0%		0.23
75.0%	quartile	0.23
50.0%	median	-0.27
25.0%	quartile	-0.77
10.0%		-0.77
2.5%		-0.77
0.5%		-0.77
0.0%	minimum	-0.77

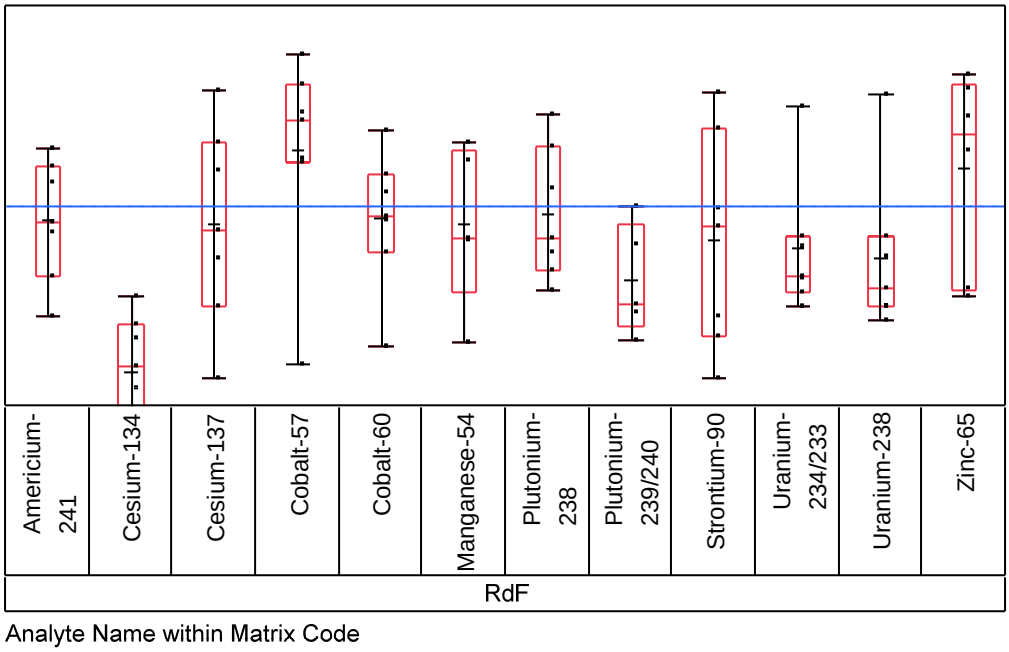
Moments

Mean	-0.27
Std Dev	0.7071068
Std Err Mean	0.5
Upper 95% Mean	6.0831024
Lower 95% Mean	-6.623102
N	2

Distributions Analyte_Method=Pyrene Ultrasonic Extraction (Method 3550B)

ZScore

The intent of the historical graphs contained within this report is to graphically illustrate how laboratories are historically performing within the MAPEP program. The data points (small 'dots') plot the bias (or z-score for organic constituents) of each of the analytes in each of the matrices for each of the studies for MAPEP since Series 12. The BLACK small horizontal line is the mean of the population of the bias shown for that analyte in the matrix. The red box is a typical "box plot" of the data.



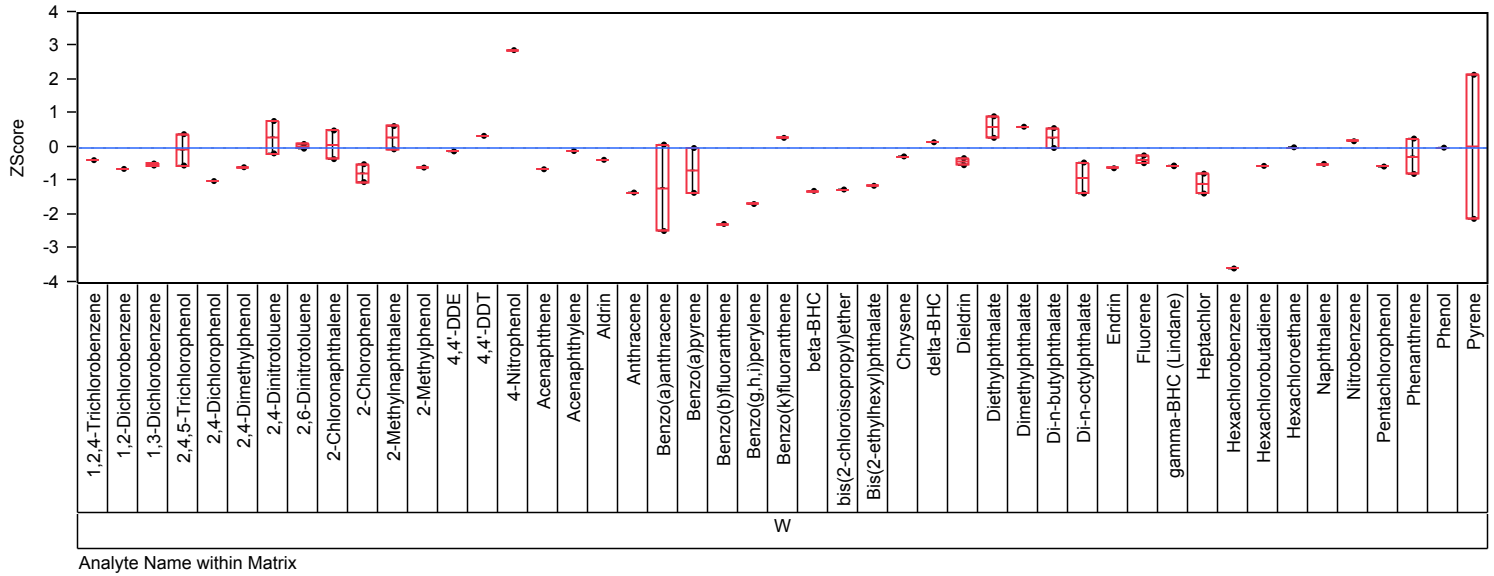
The box plots summarize the distribution of points for each analyte. The ends of the box are the 25th and 75th quantiles. The difference between the quartiles is the interquartile range. The line across the middle of the box identifies the median sample value. Each box has lines, sometimes called whiskers, that extend from each end. The whiskers extend from the ends of the end to the outermost data point that falls within the distances computed .

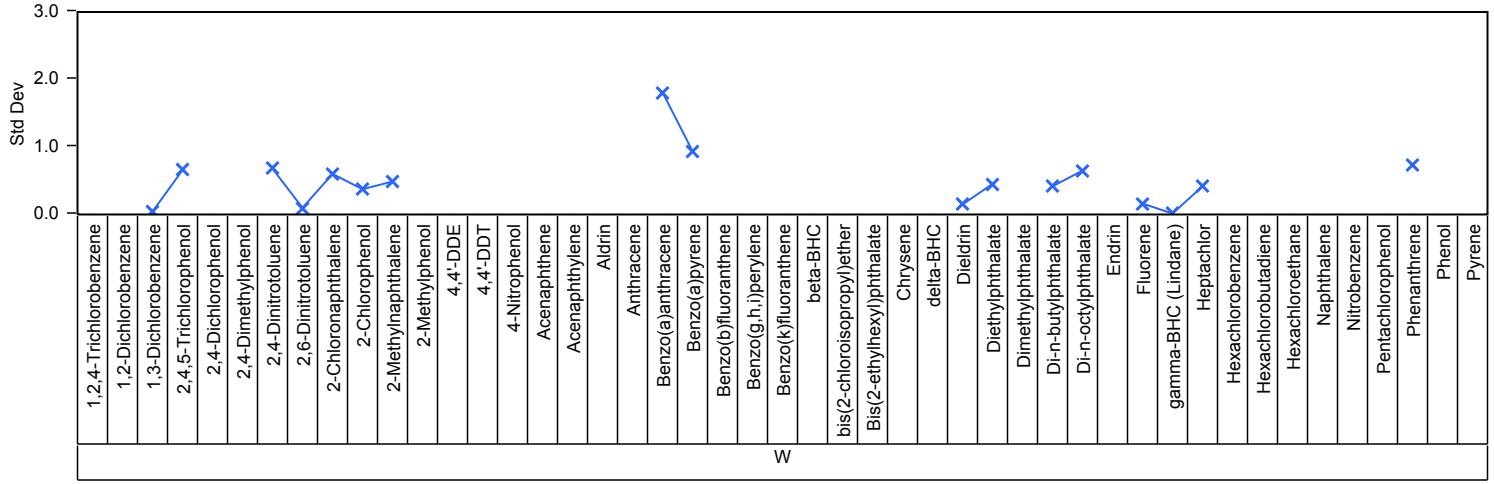
The box plot along with the laboratory bias data points and the mean visually illustrate the breadth of the distribution and where any potential outliers in the distribution might lie. The ideal visual representation would be to have a very small box plot on top of a very small distribution of data thus indicating very good precision. Accuracy would be reflected by having the mean bias very close to zero (i.e. the box plot overlaps zero at some point).

The Standard Deviation plot below the Bias plot is just that, the standard deviation of the % bias shown above. The ideal pot would be to have the standard deviation as small as possible.

Variability Gauge Lab Code=AALI01

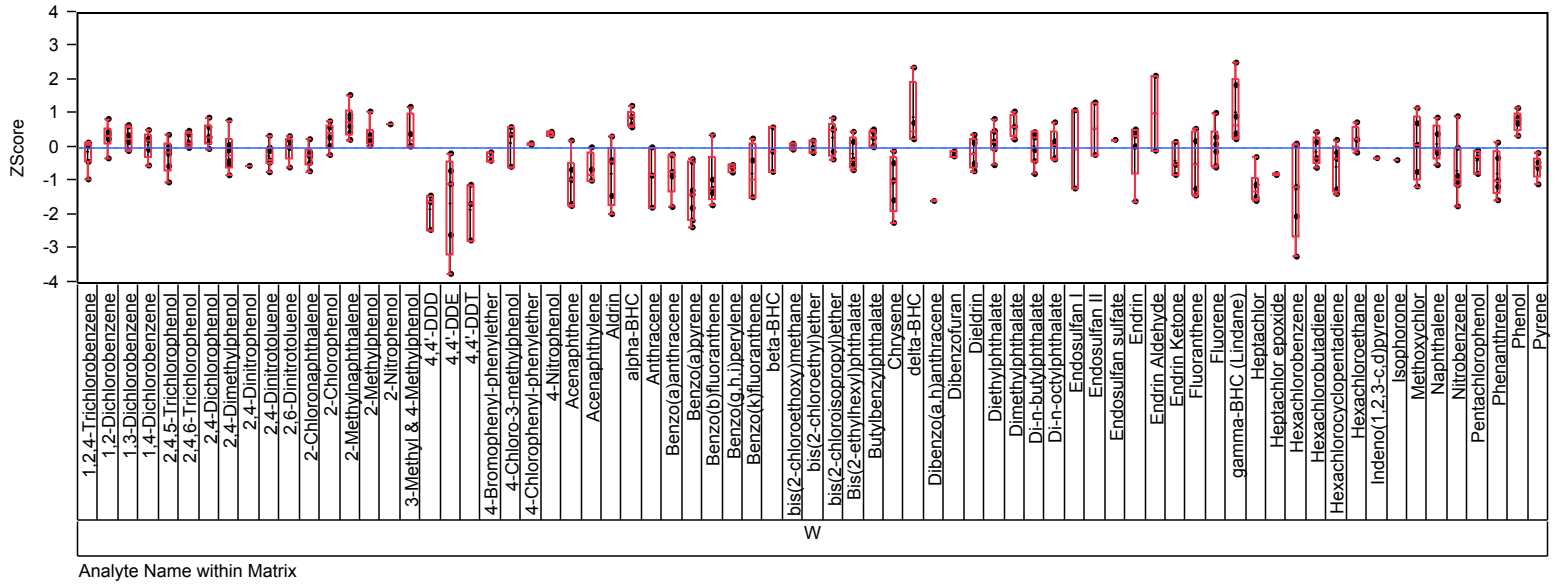
Variability Chart for ZScore

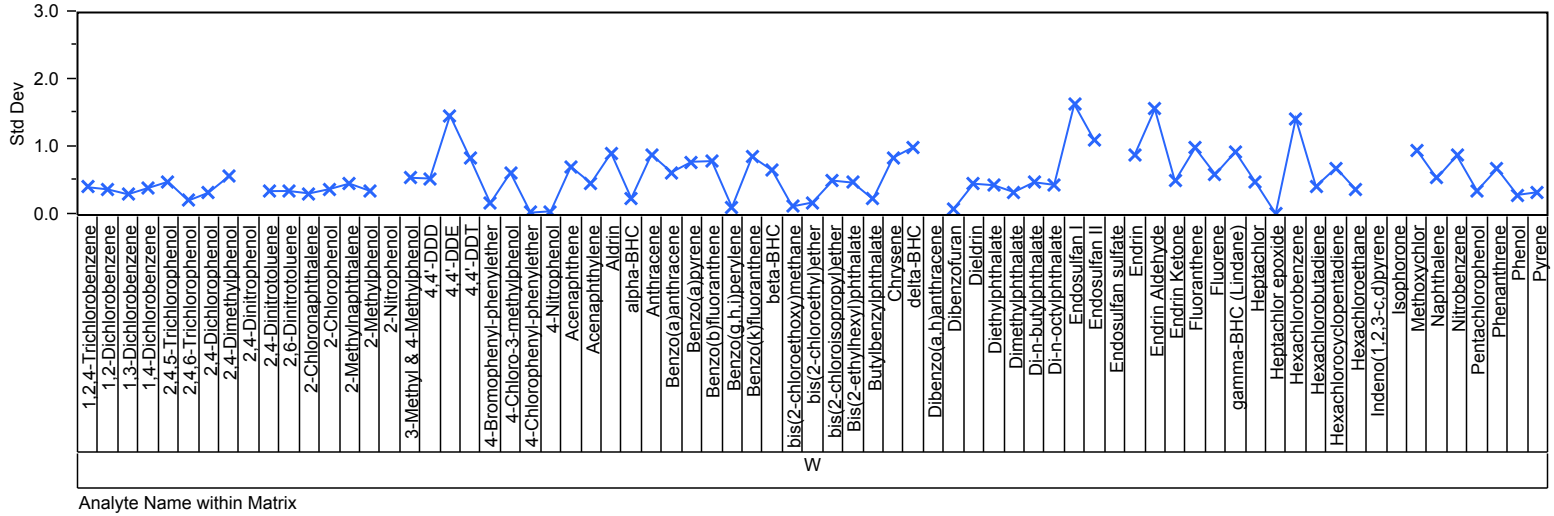




Variability Gauge Lab Code=ANTE01

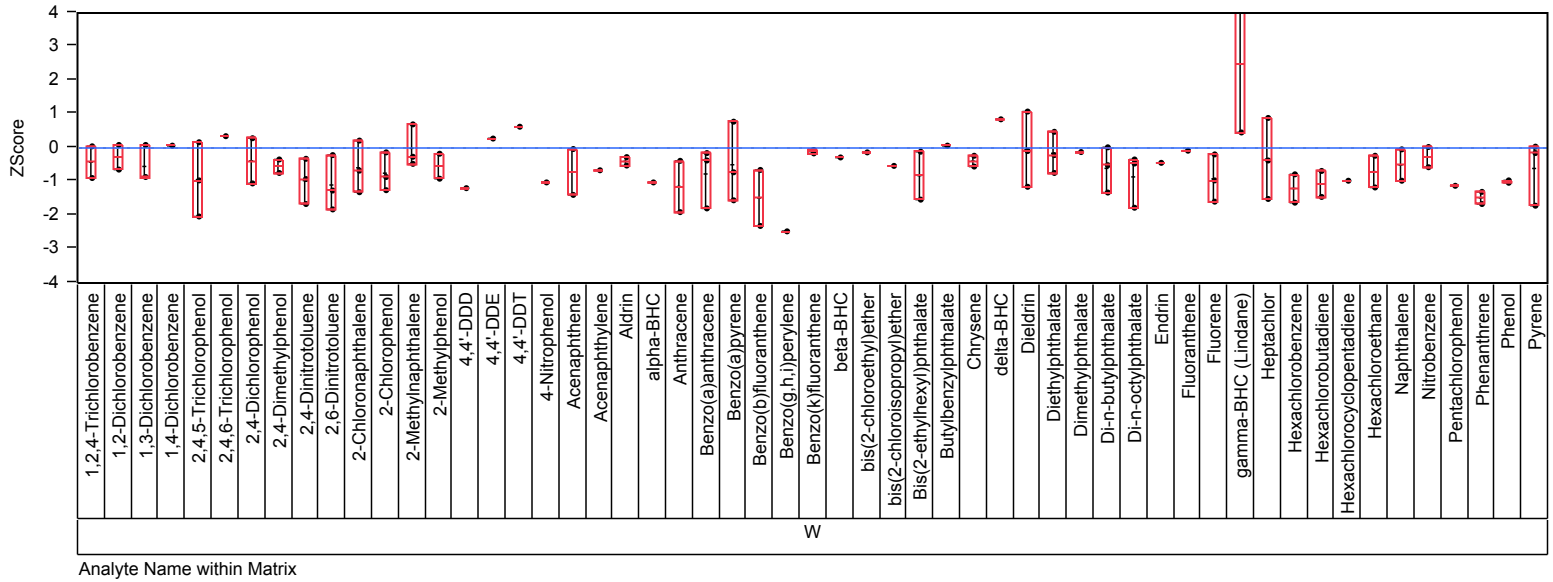
Variability Chart for ZScore

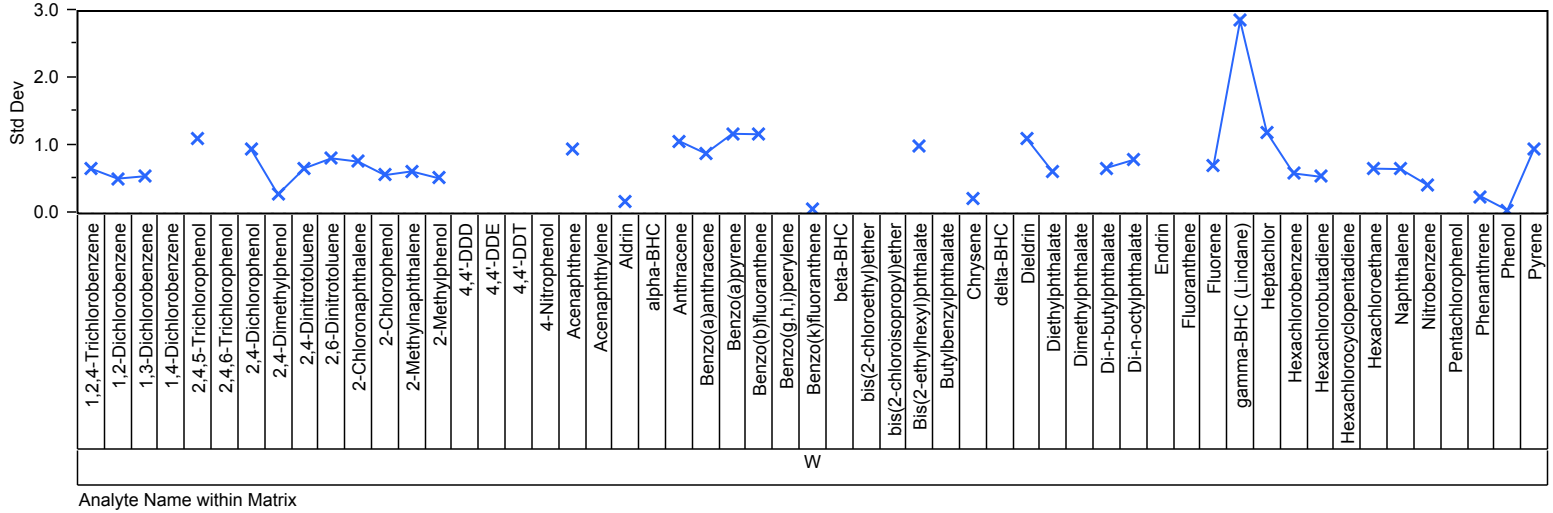




Variability Gauge Lab Code=ASHL01

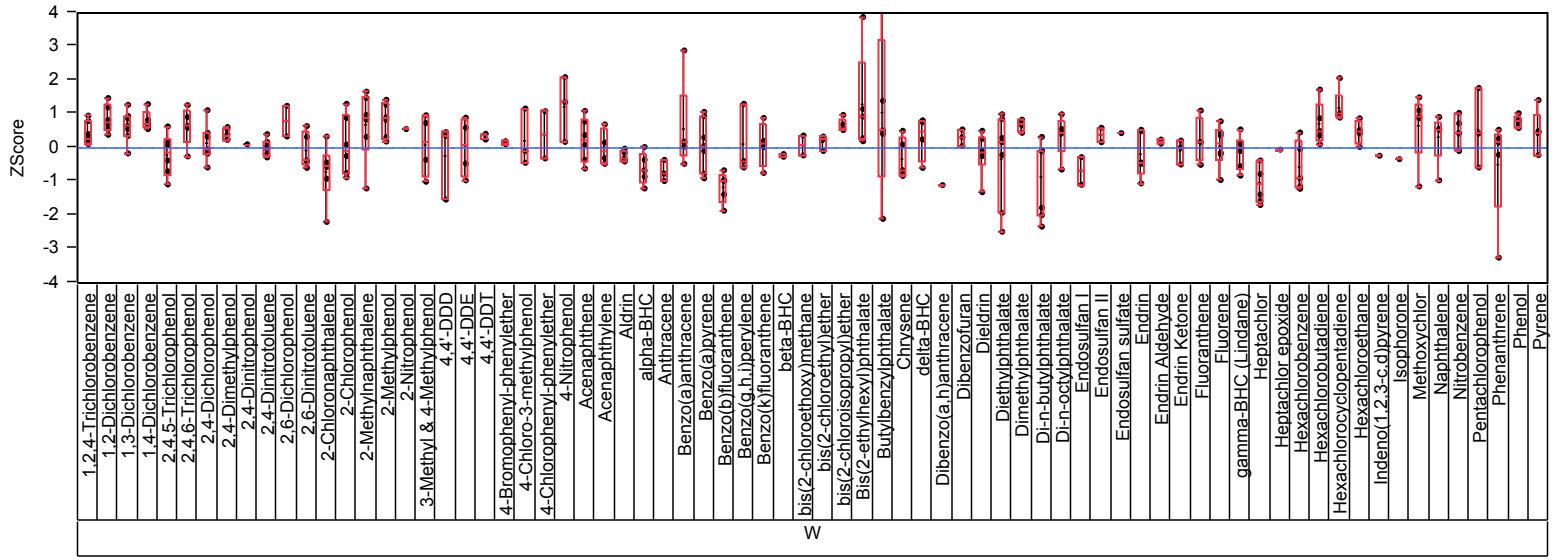
Variability Chart for ZScore

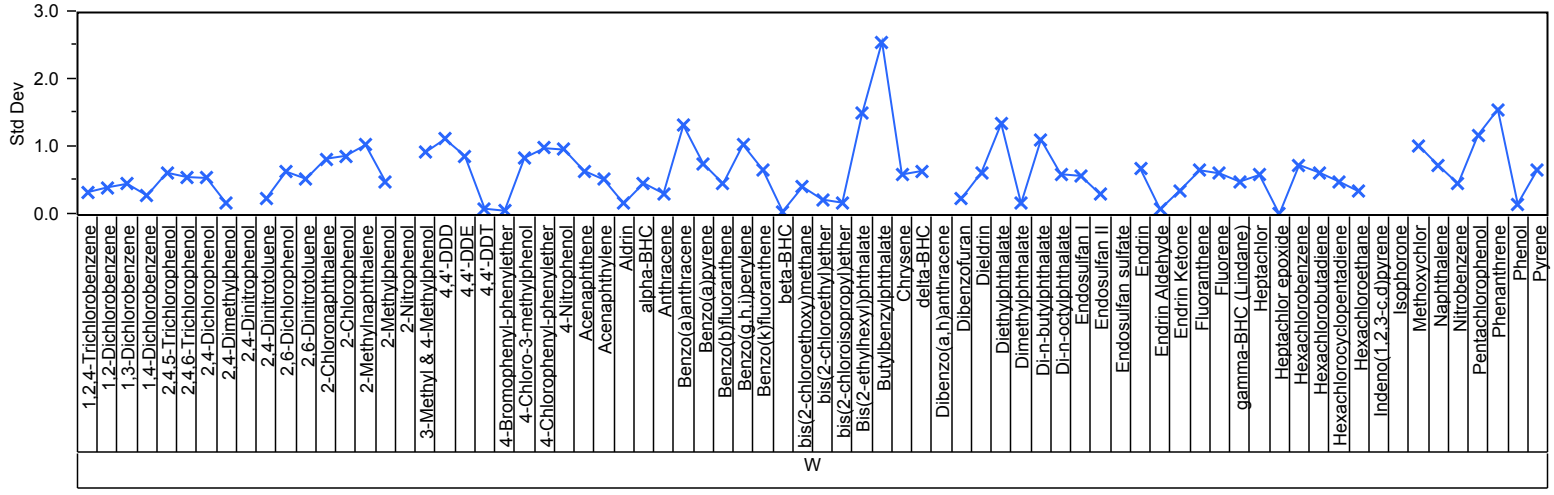




Variability Gauge Lab Code=AY1201

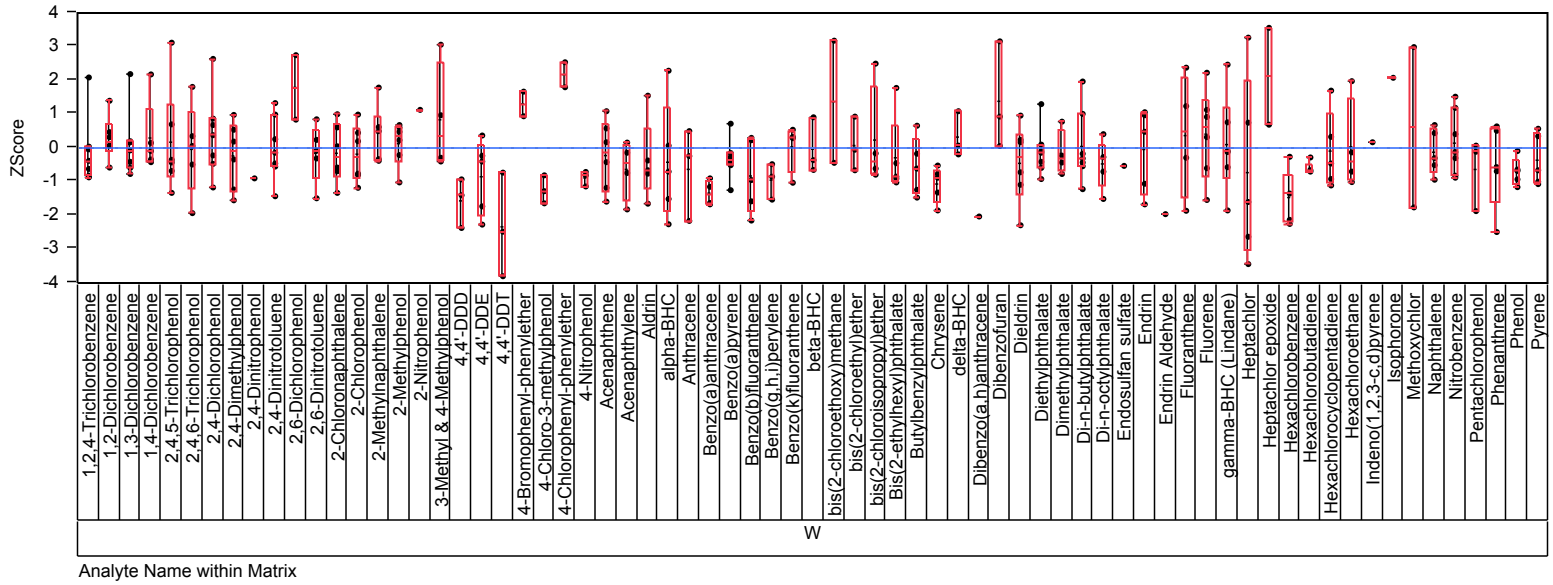
Variability Chart for ZScore

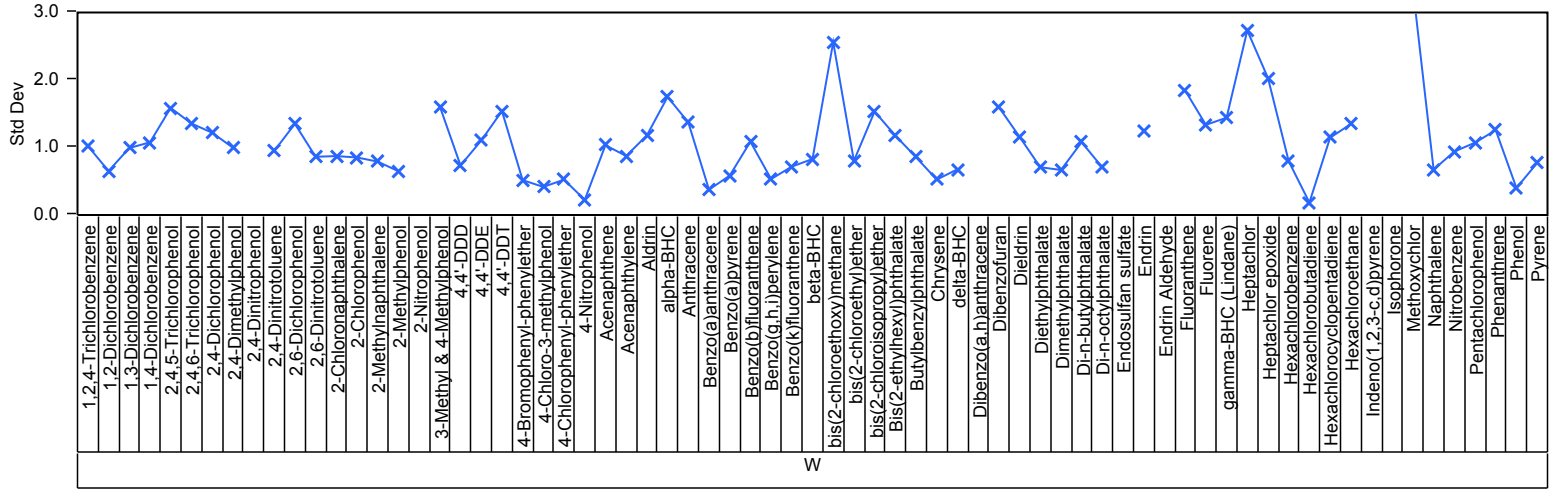




Variability Gauge Lab Code=BCLI01

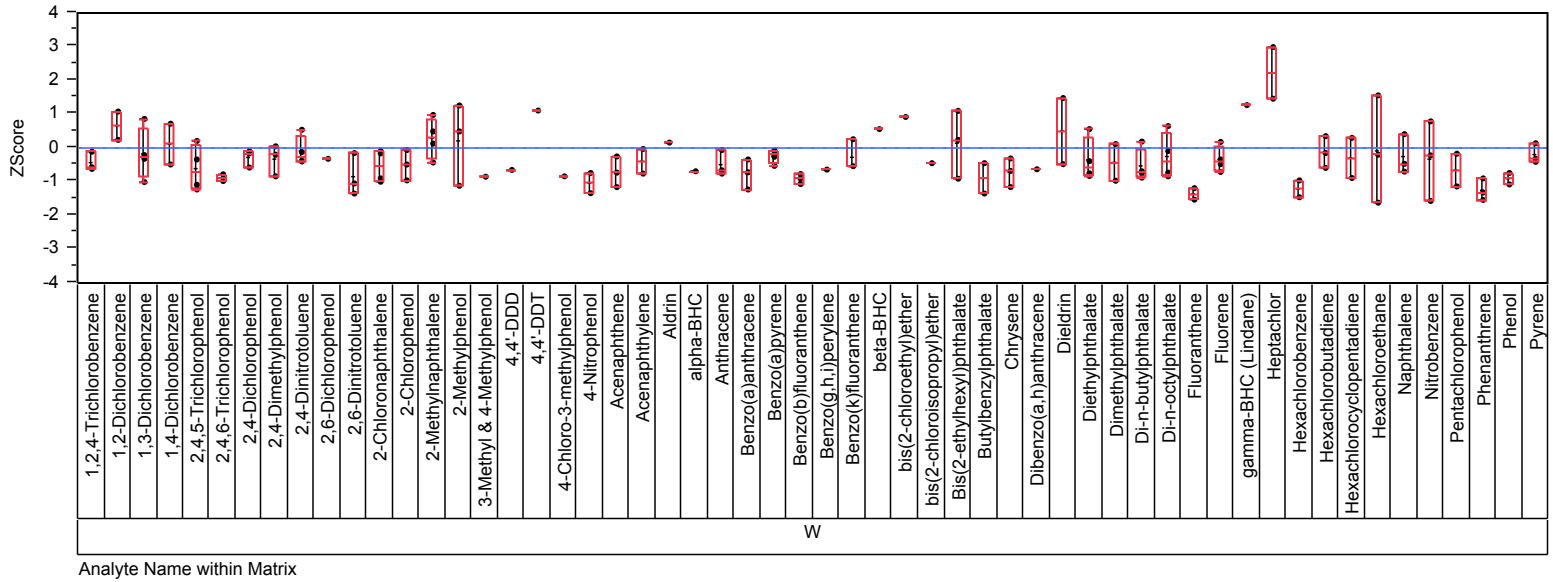
Variability Chart for ZScore

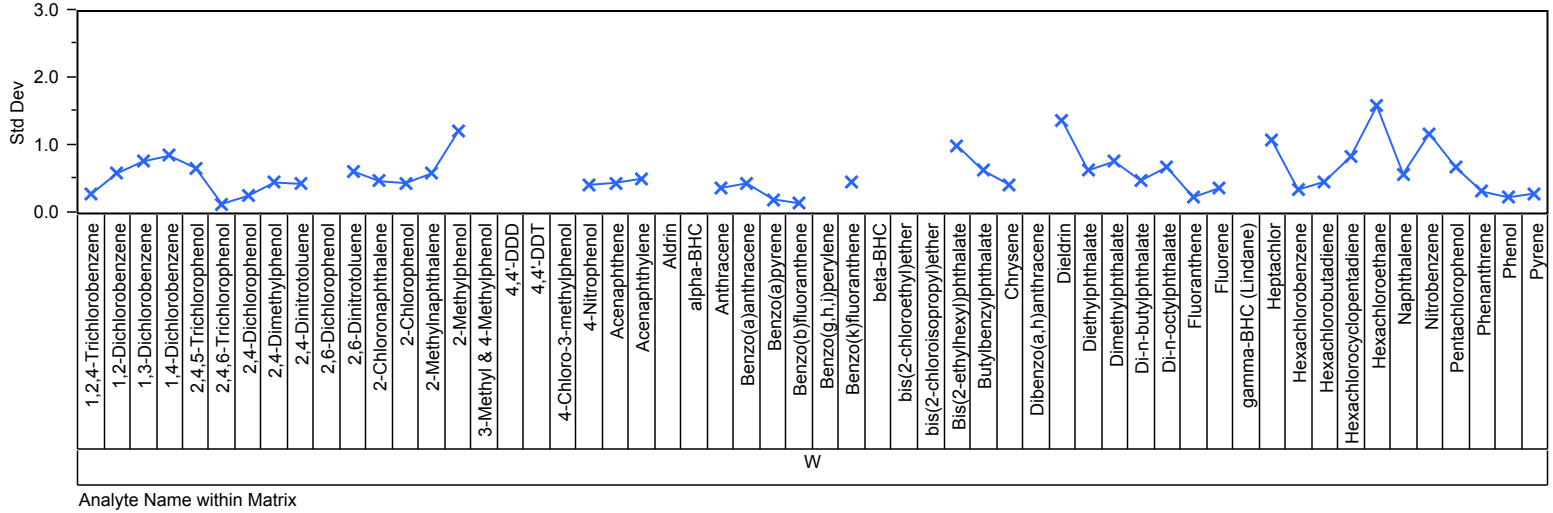




Variability Gauge Lab Code=BNEL01

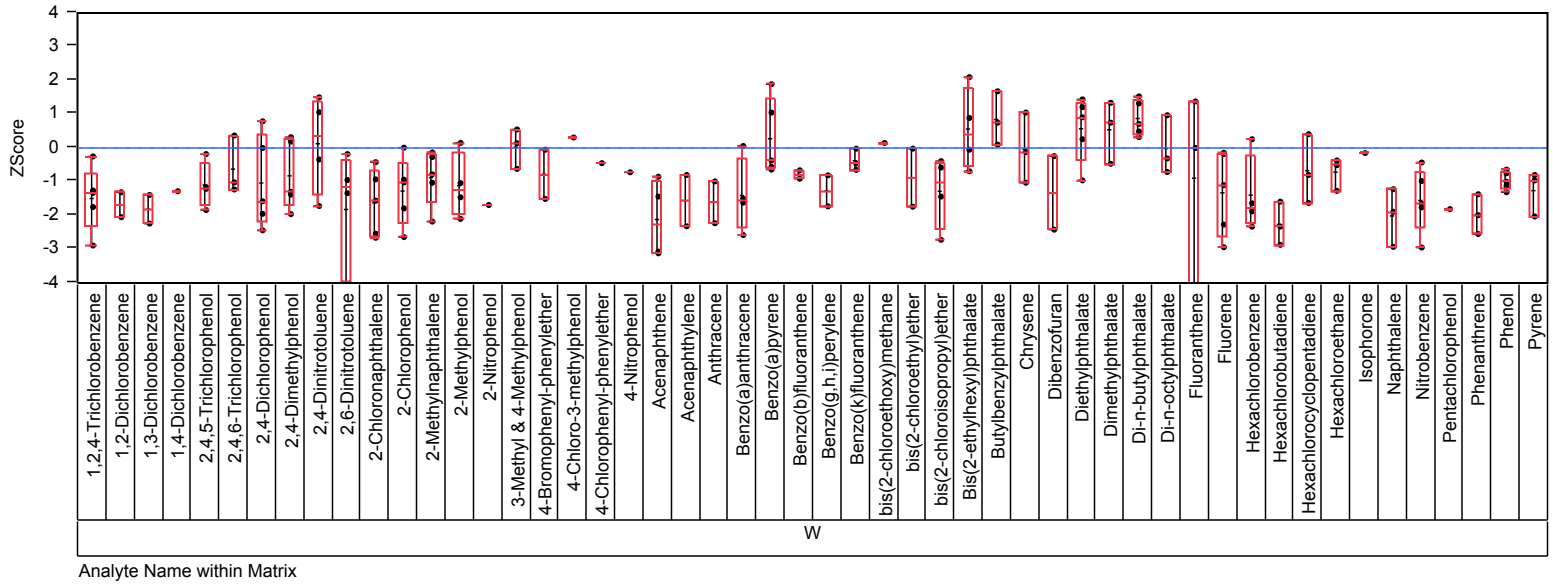
Variability Chart for ZScore

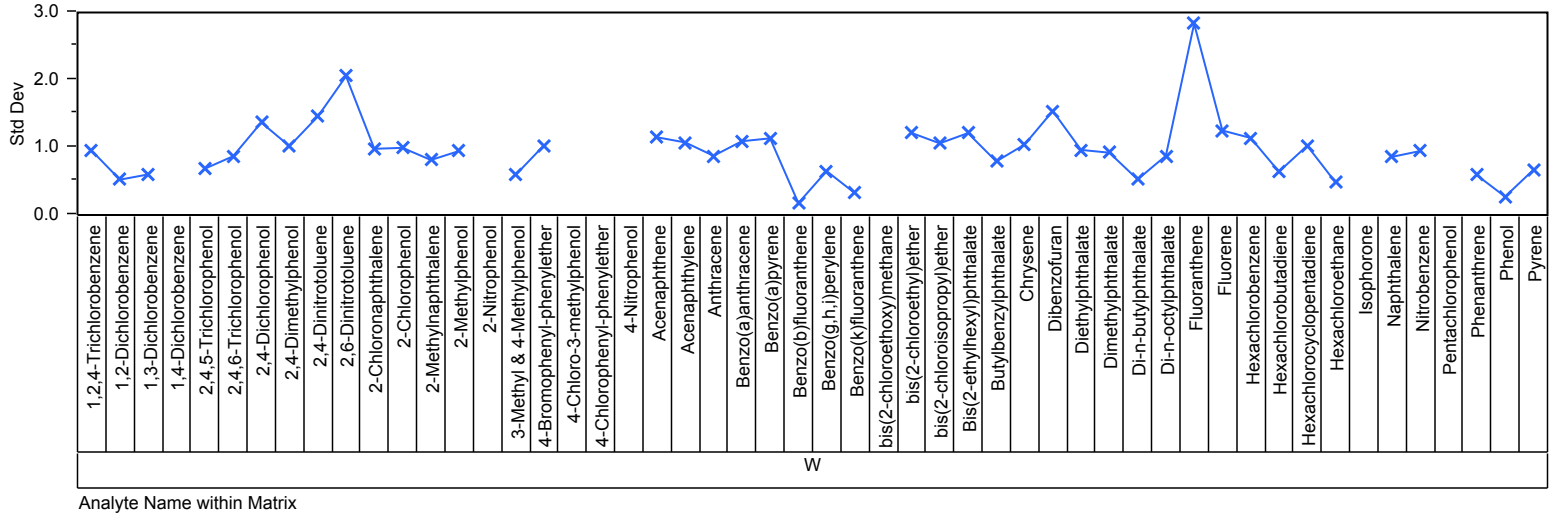




Variability Gauge Lab Code=CALN01

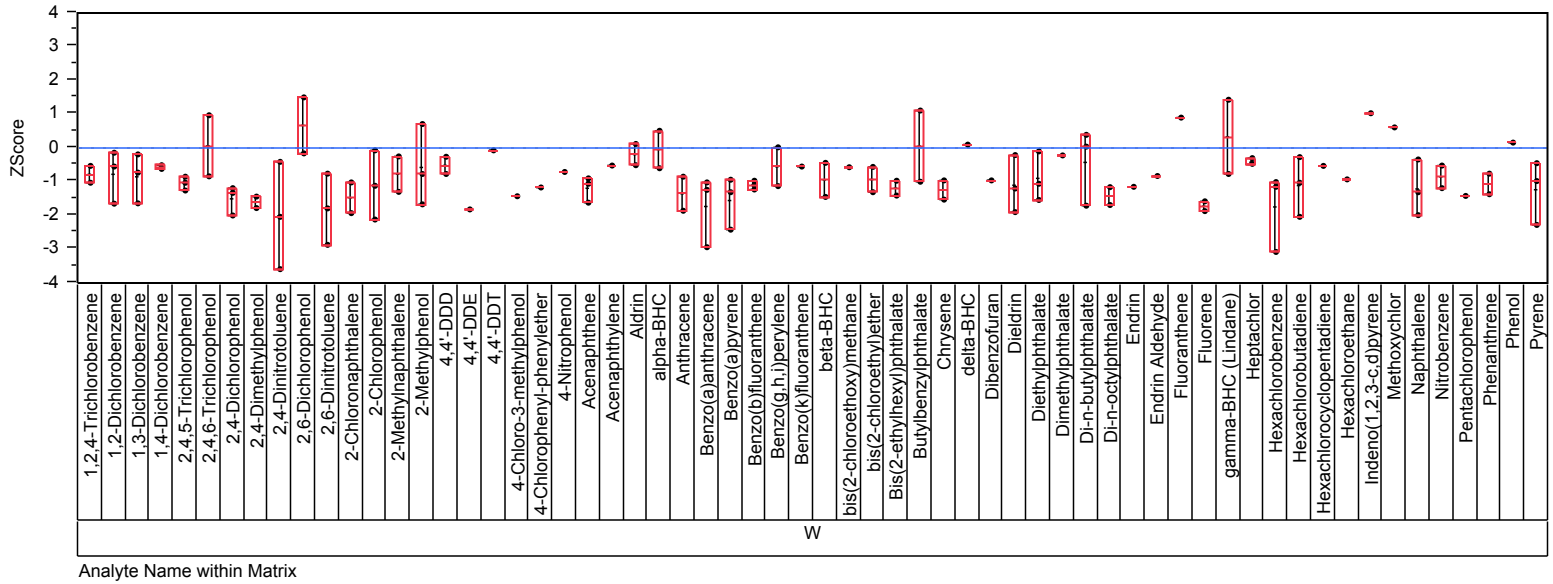
Variability Chart for ZScore

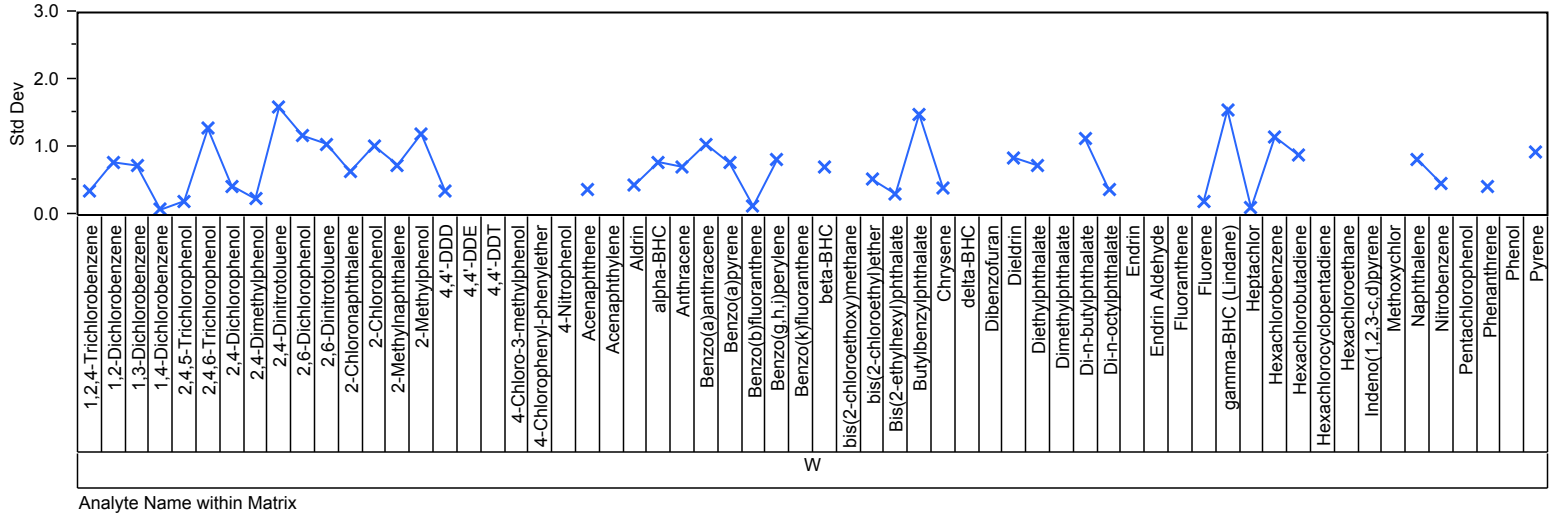




Variability Gauge Lab Code=CDHS01

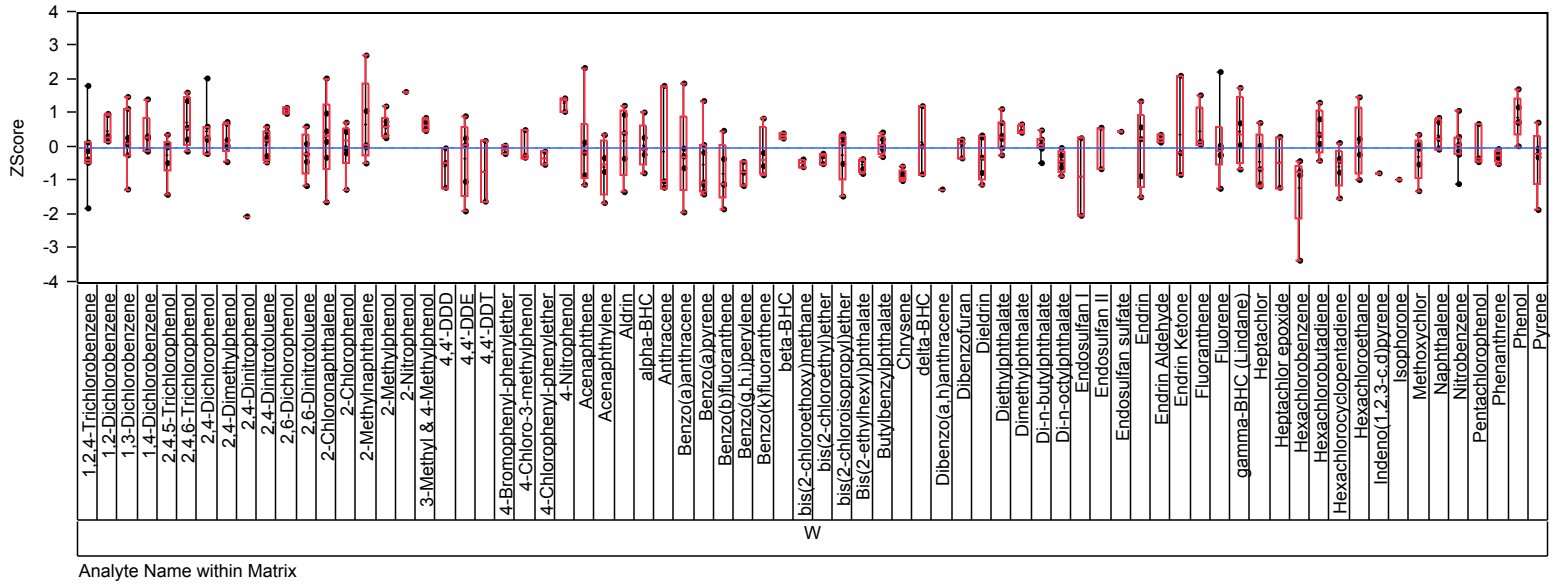
Variability Chart for ZScore

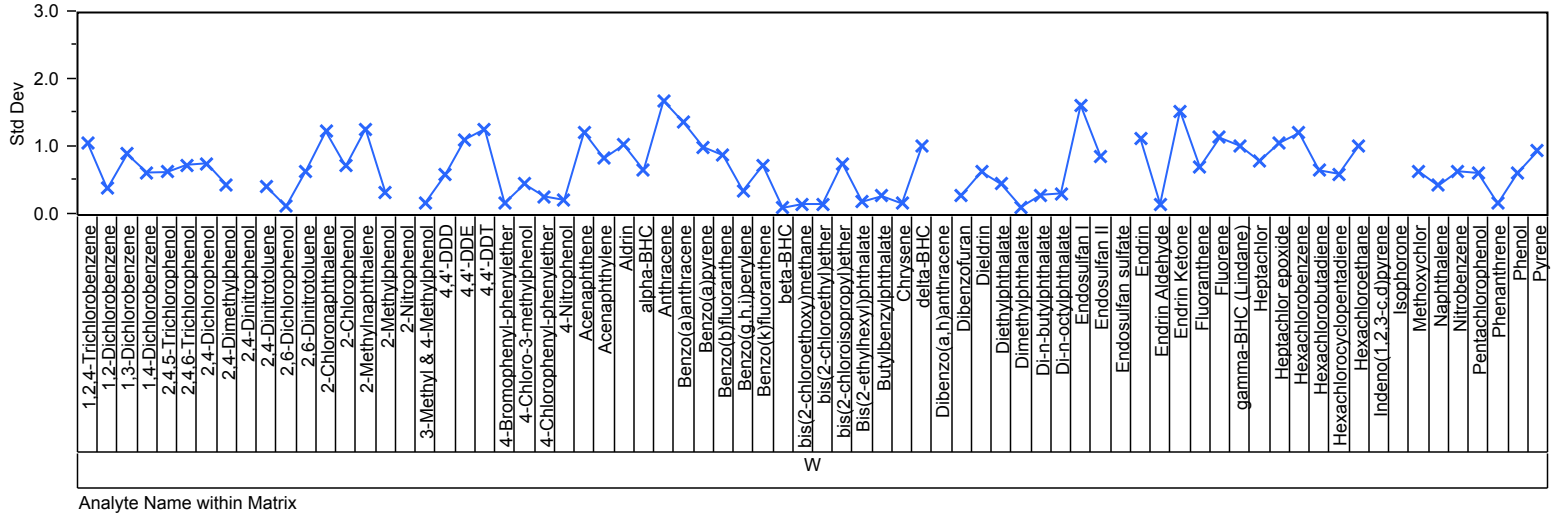




Variability Gauge Lab Code=CORE02

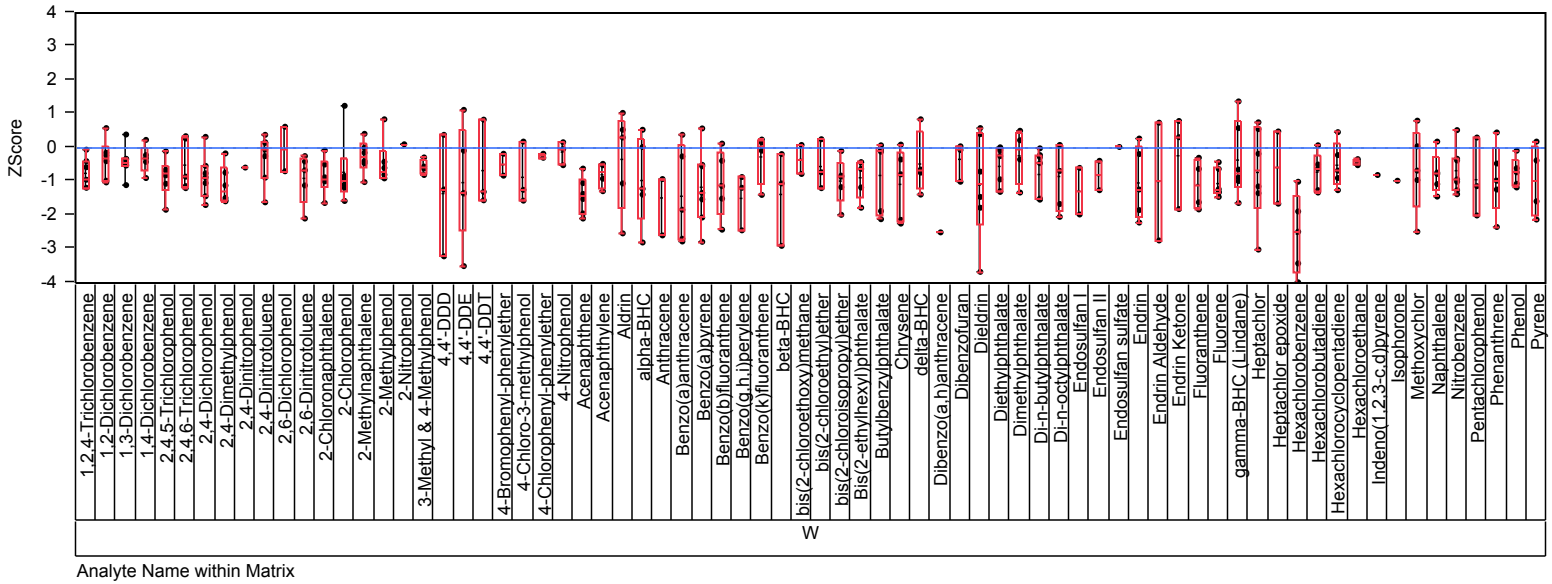
Variability Chart for ZScore

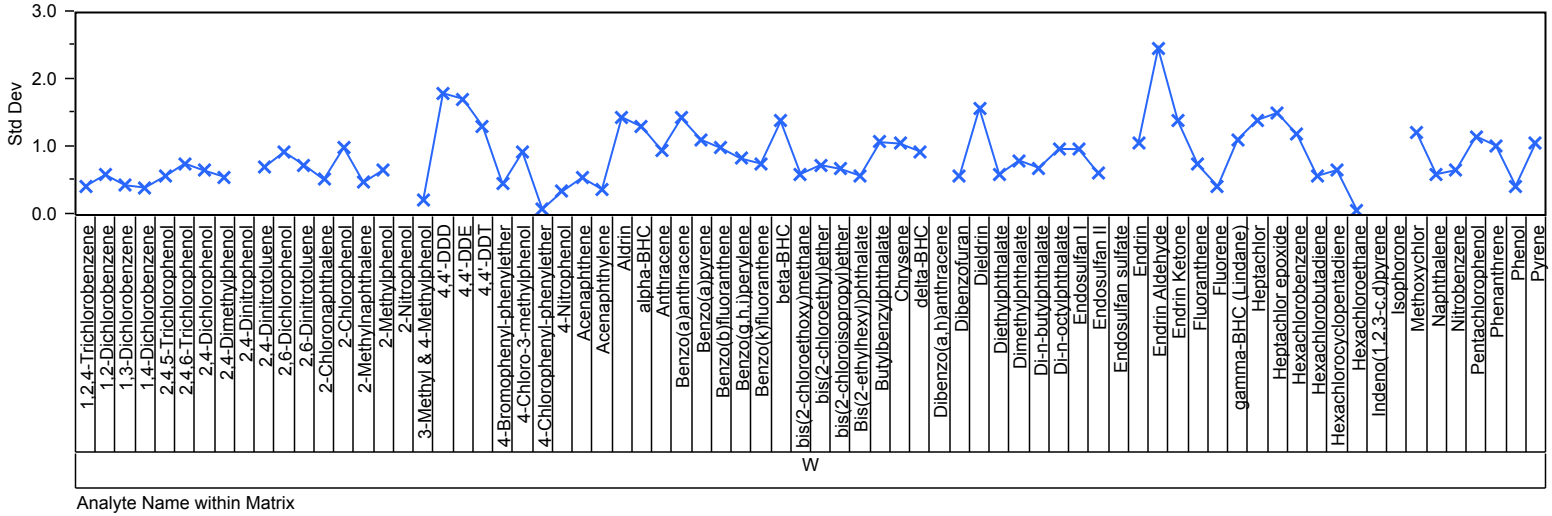




Variability Gauge Lab Code=DAFI01

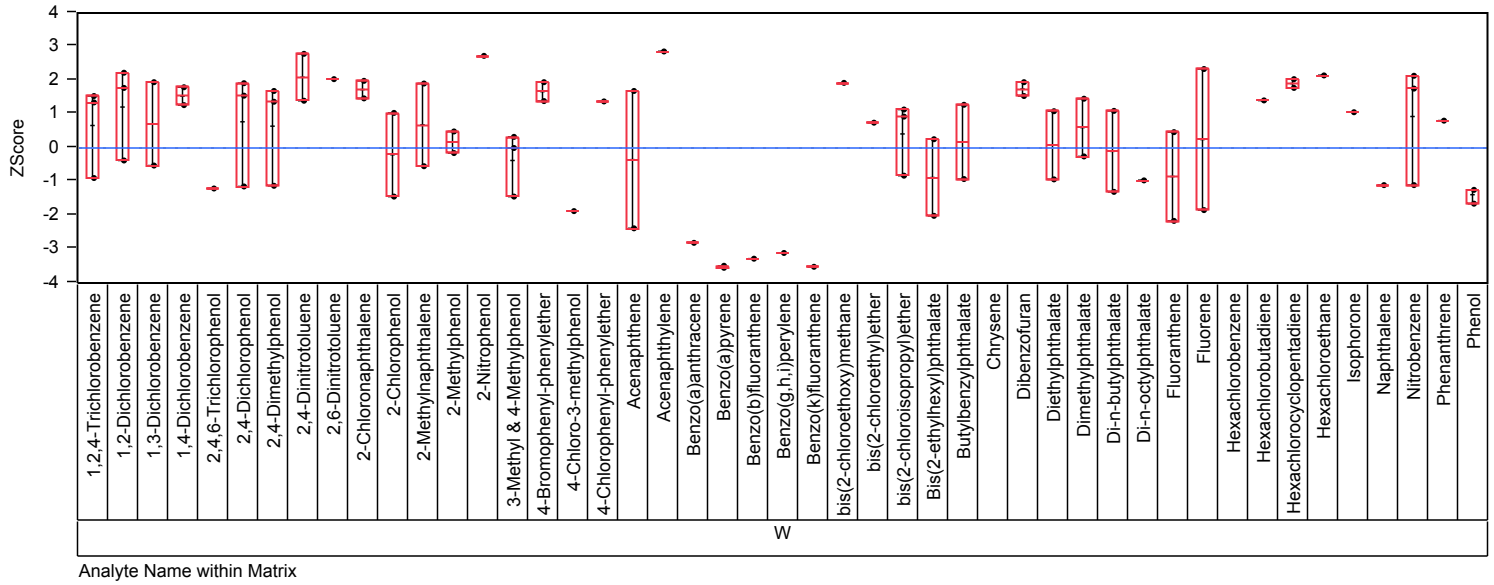
Variability Chart for ZScore

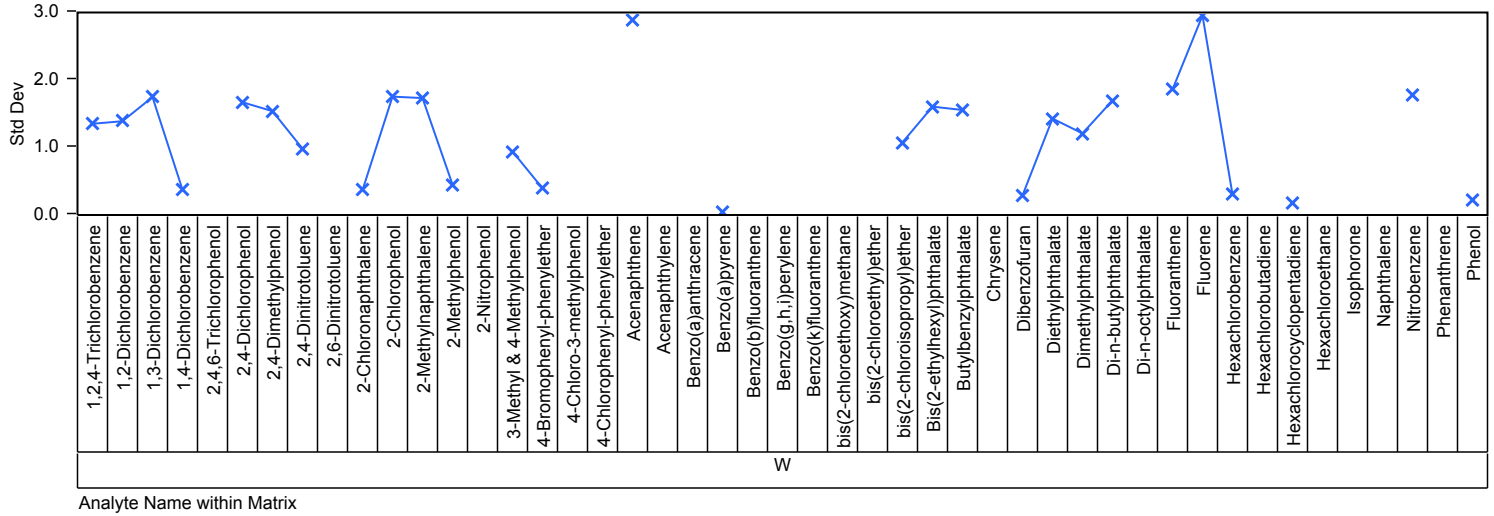




Variability Gauge Lab Code=DPAL01

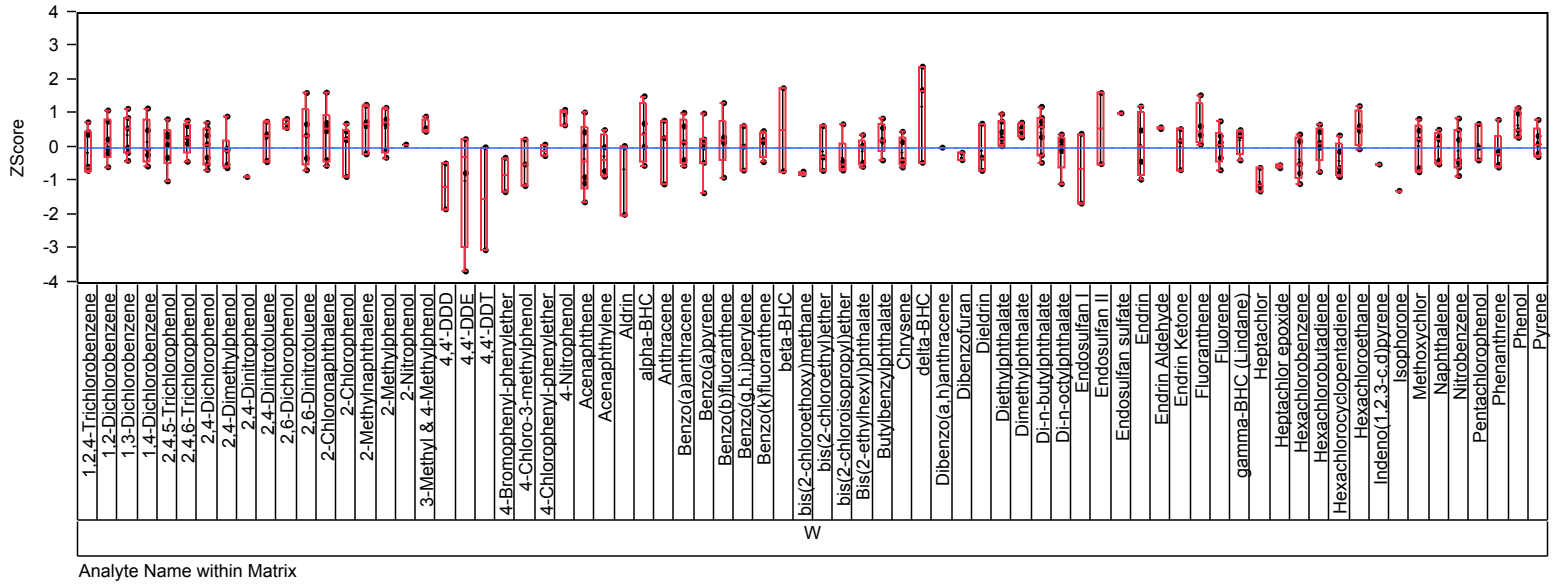
Variability Chart for ZScore

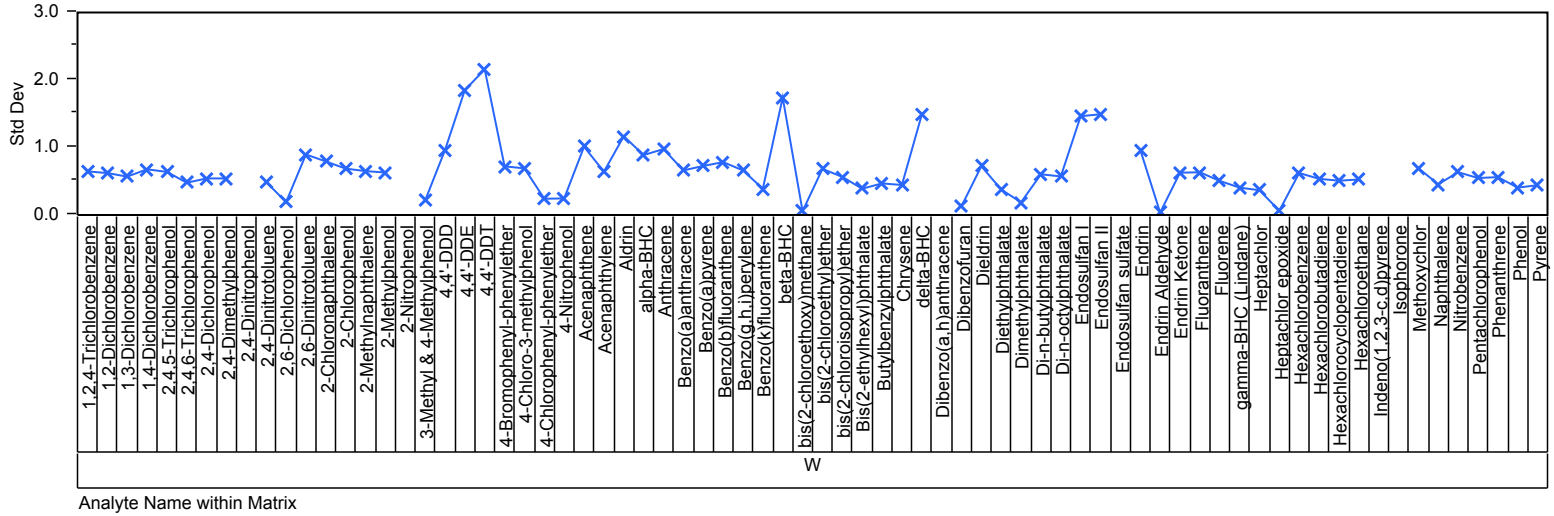




Variability Gauge Lab Code=EMAX01

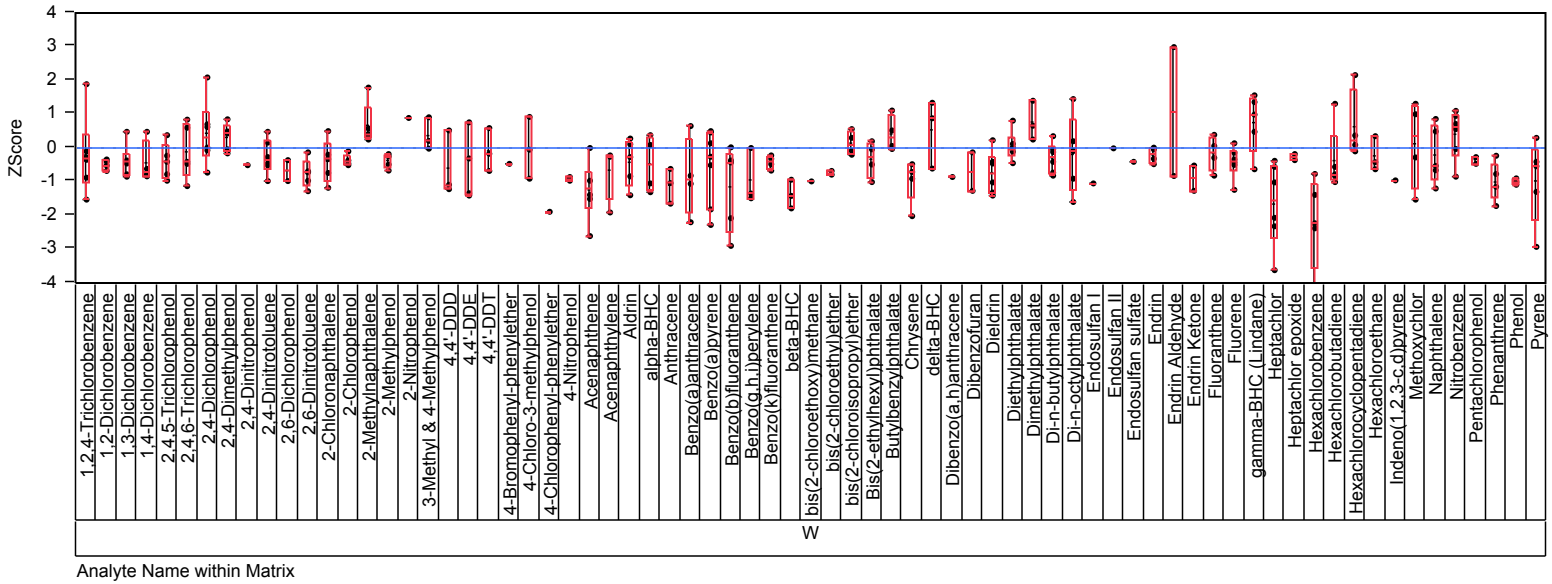
Variability Chart for ZScore

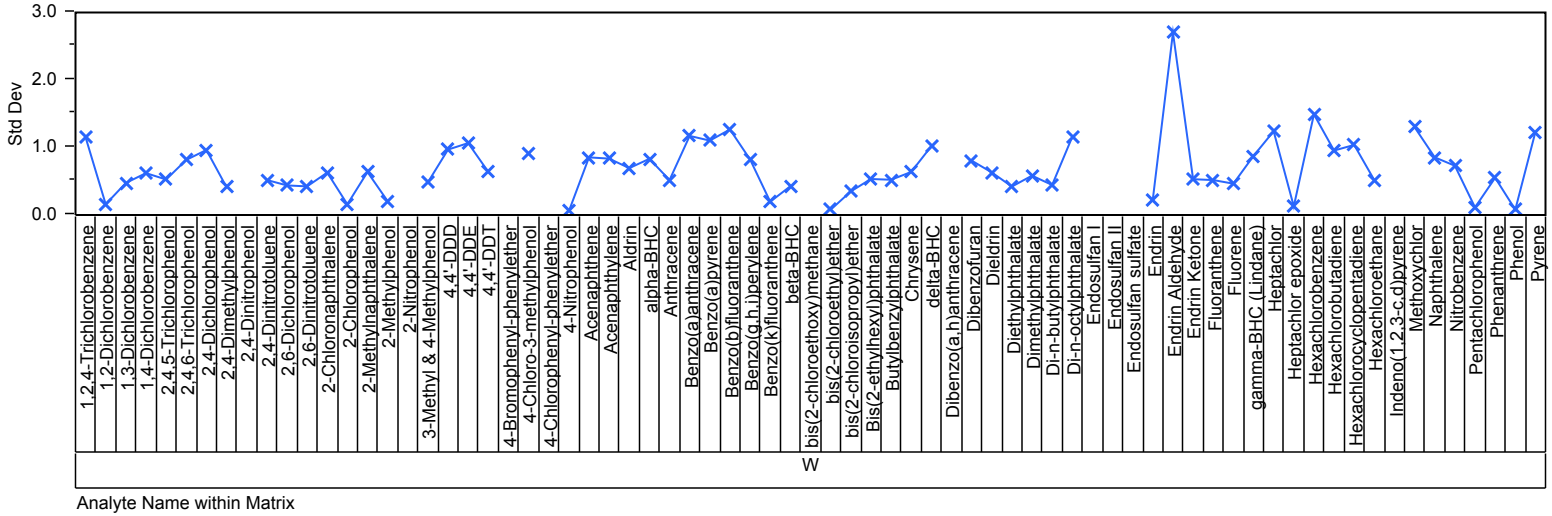




Variability Gauge Lab Code=GENE01

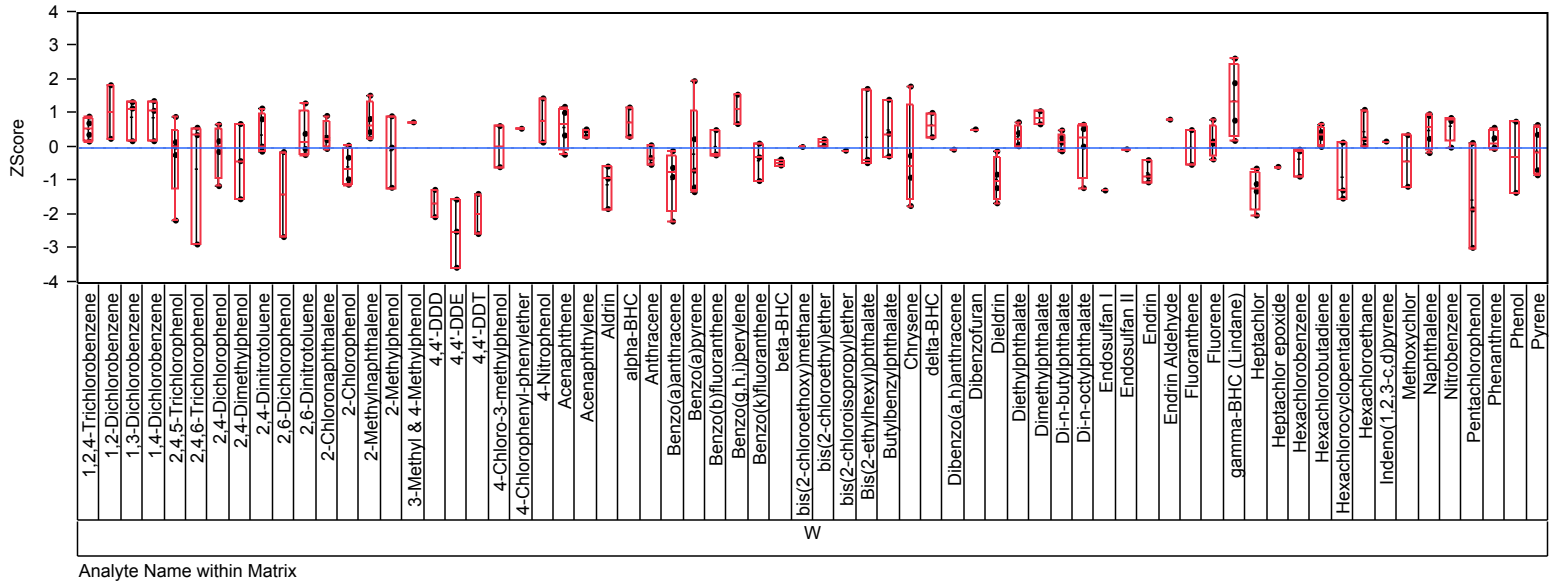
Variability Chart for ZScore

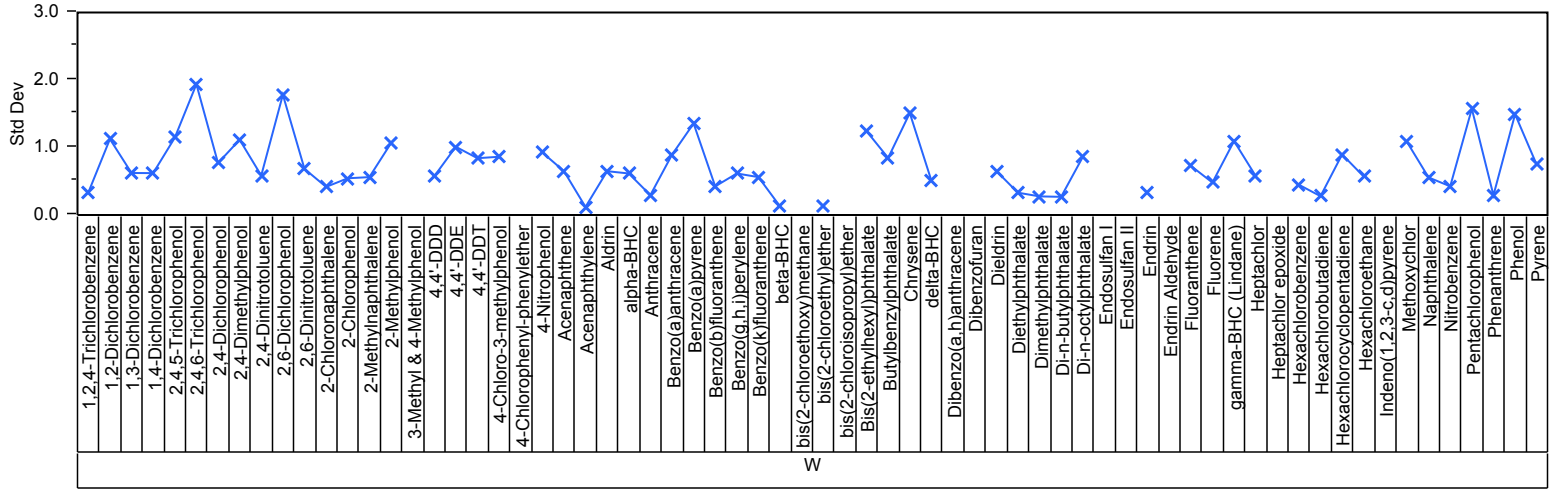




Variability Gauge Lab Code=GPLP01

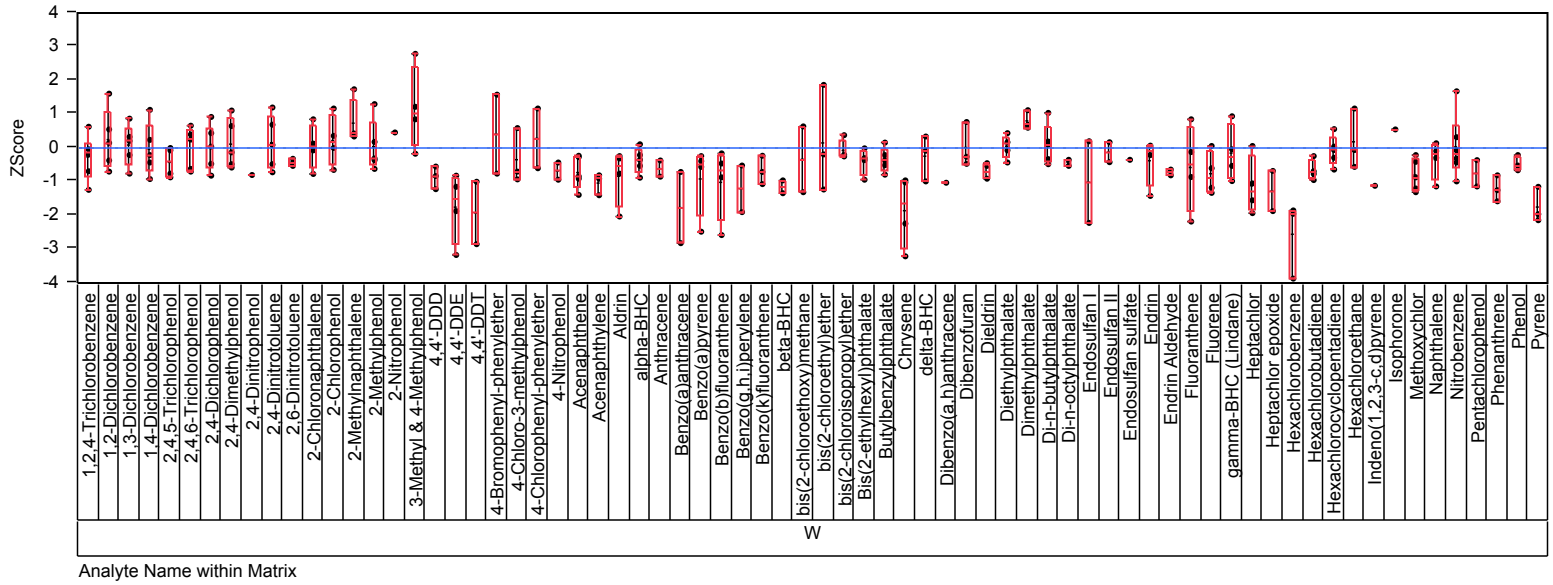
Variability Chart for ZScore

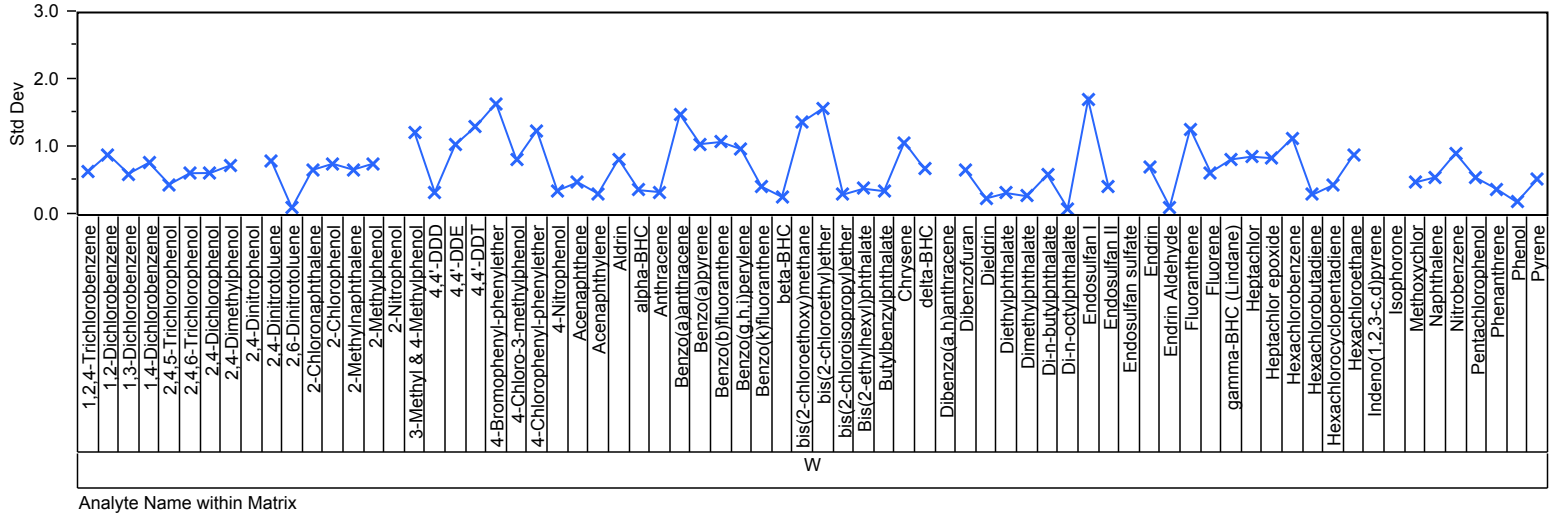




Variability Gauge Lab Code=HEAL01

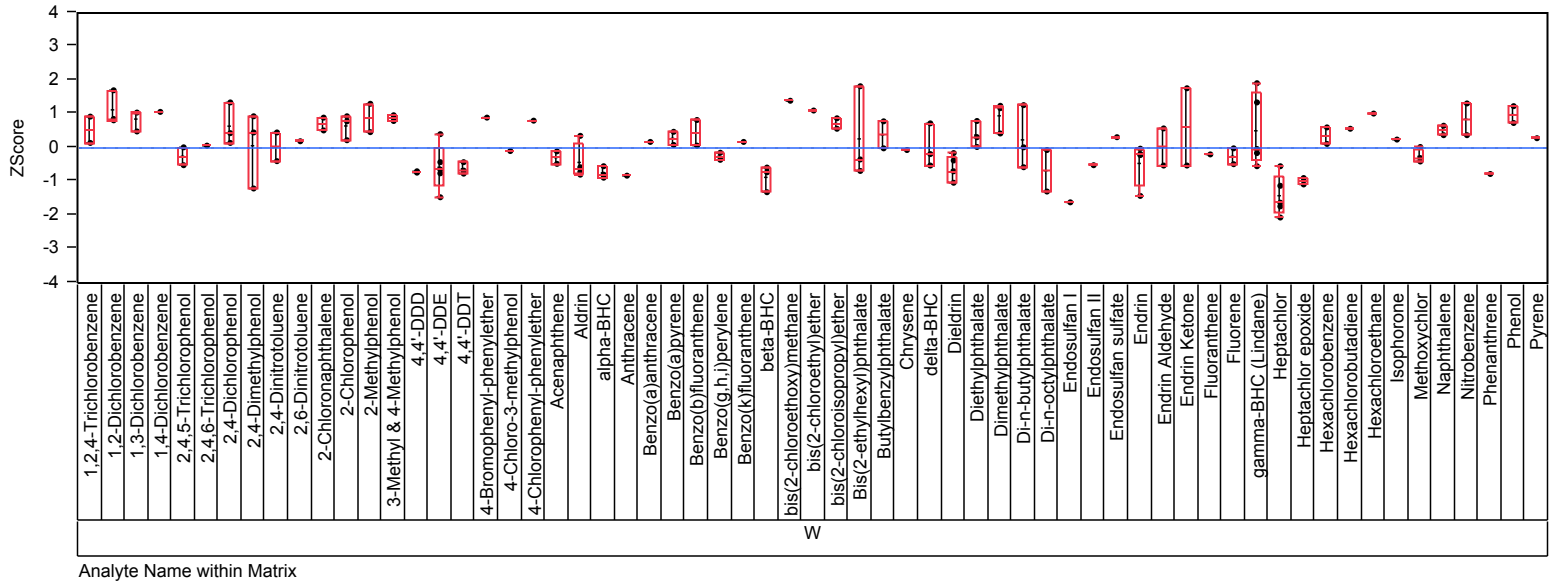
Variability Chart for ZScore

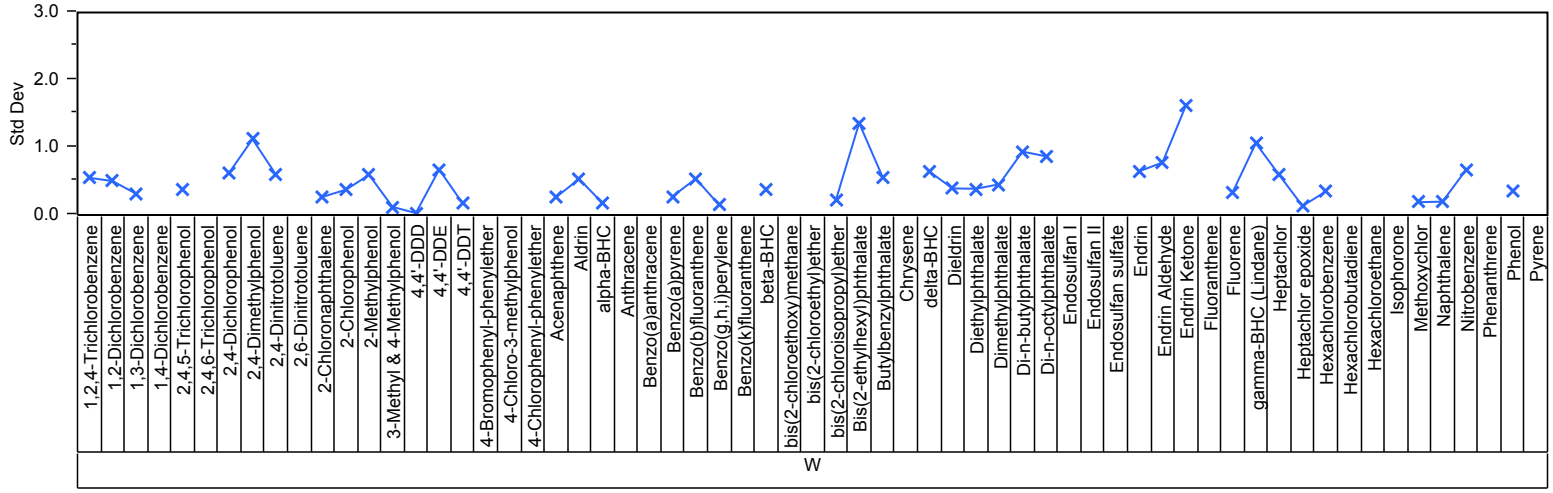




Variability Gauge Lab Code=MART01

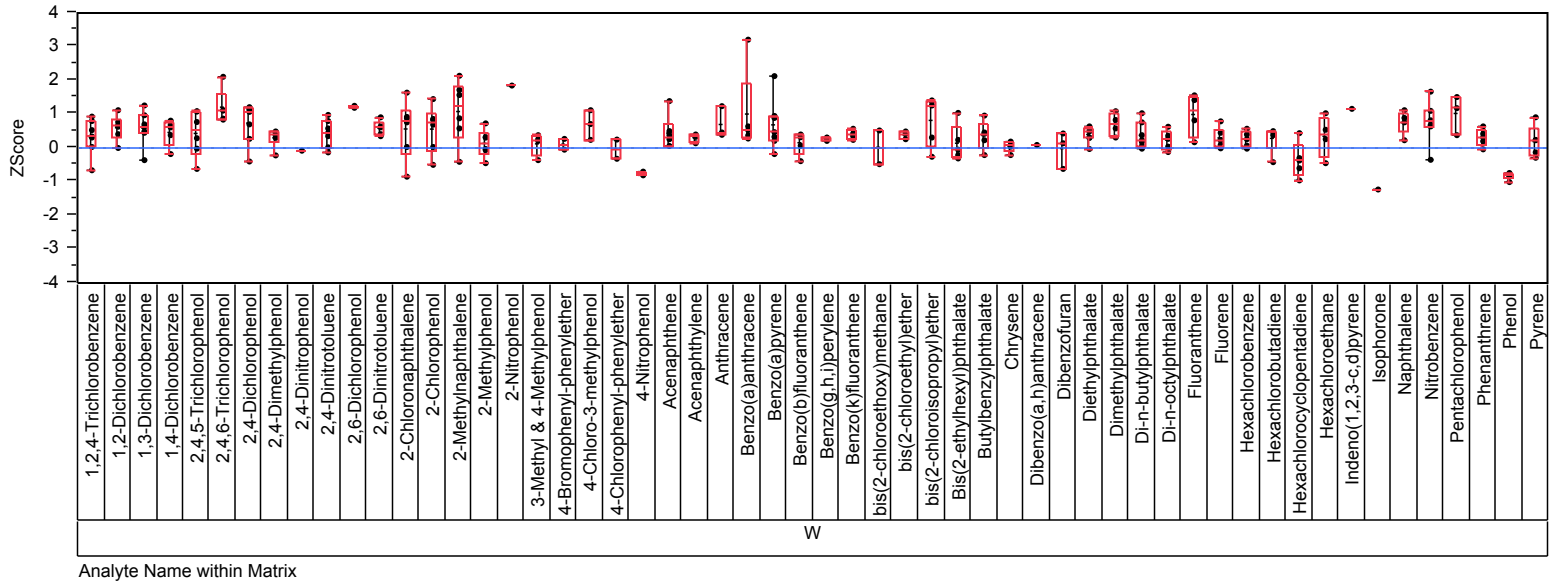
Variability Chart for ZScore

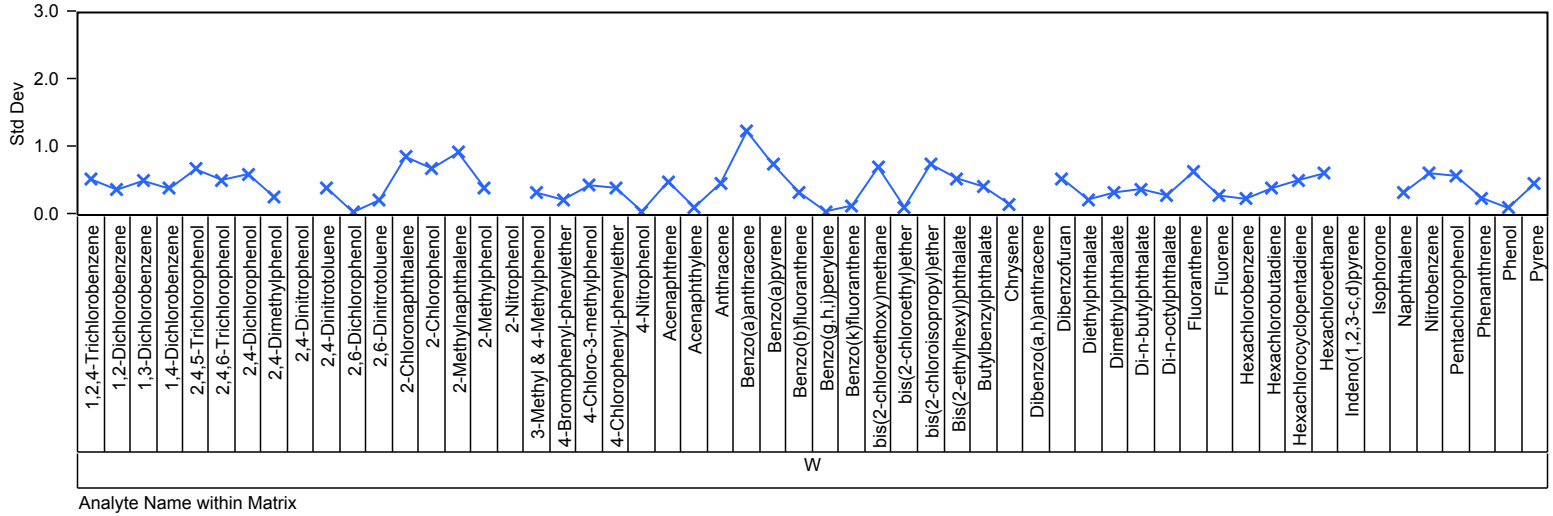




Variability Gauge Lab Code=MART02

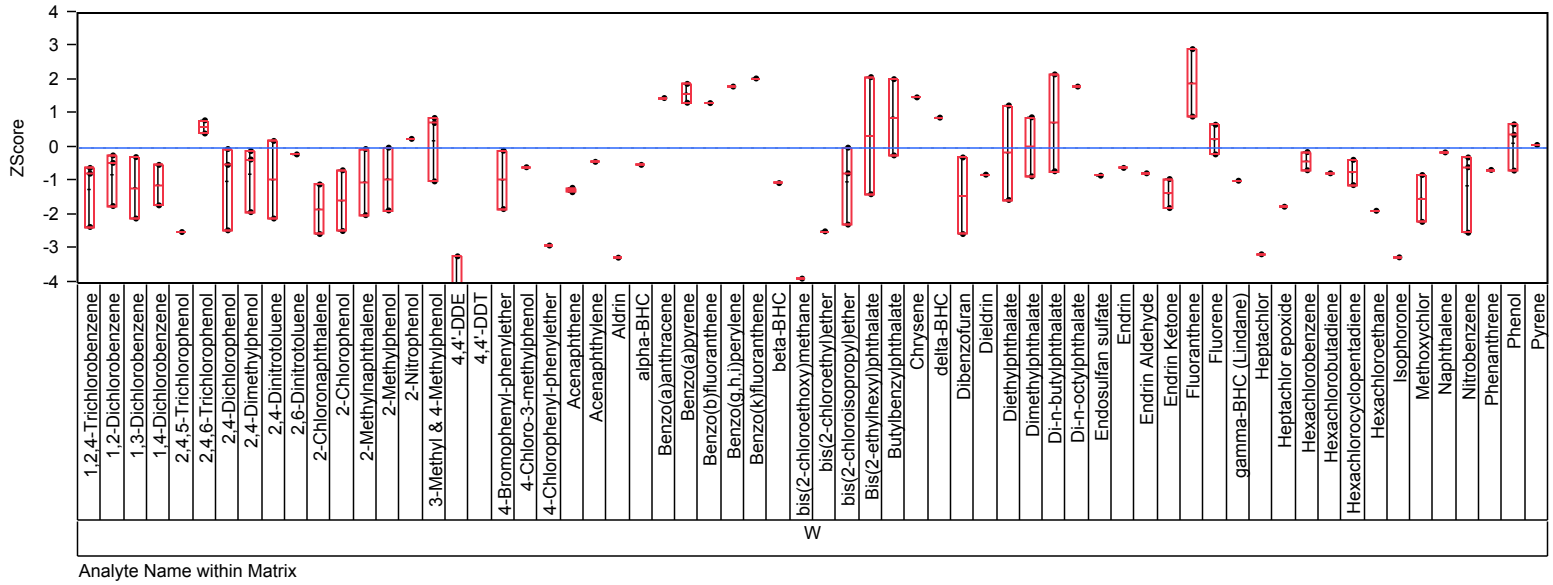
Variability Chart for ZScore

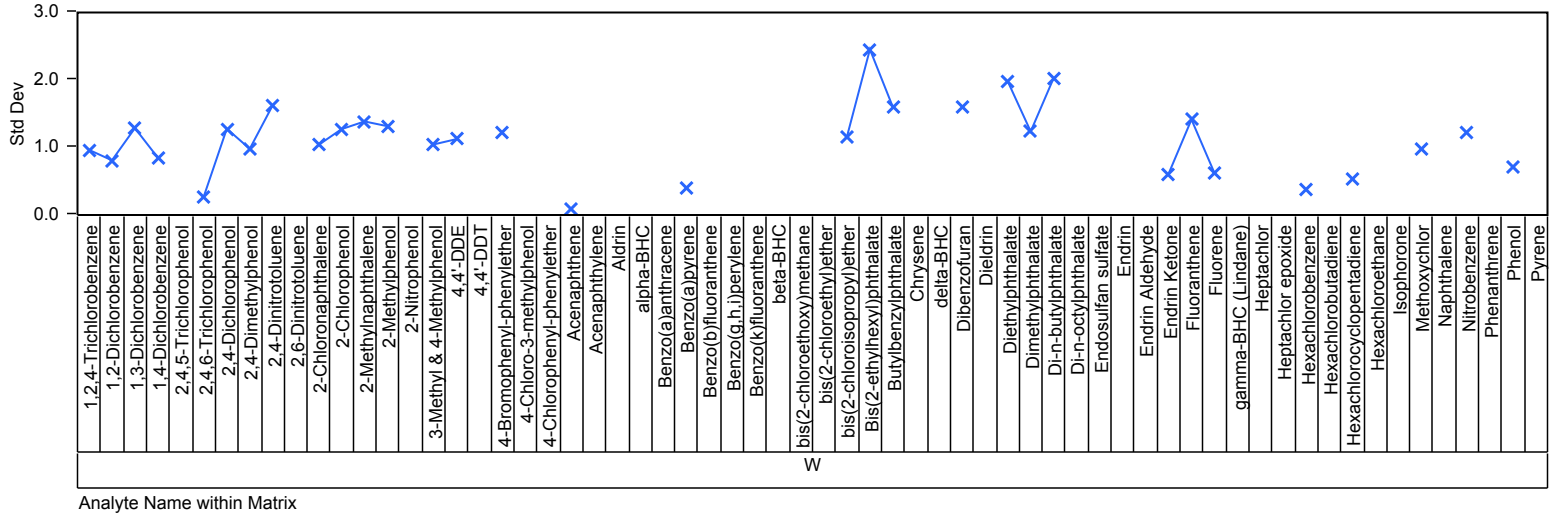




Variability Gauge Lab Code=MLIL01

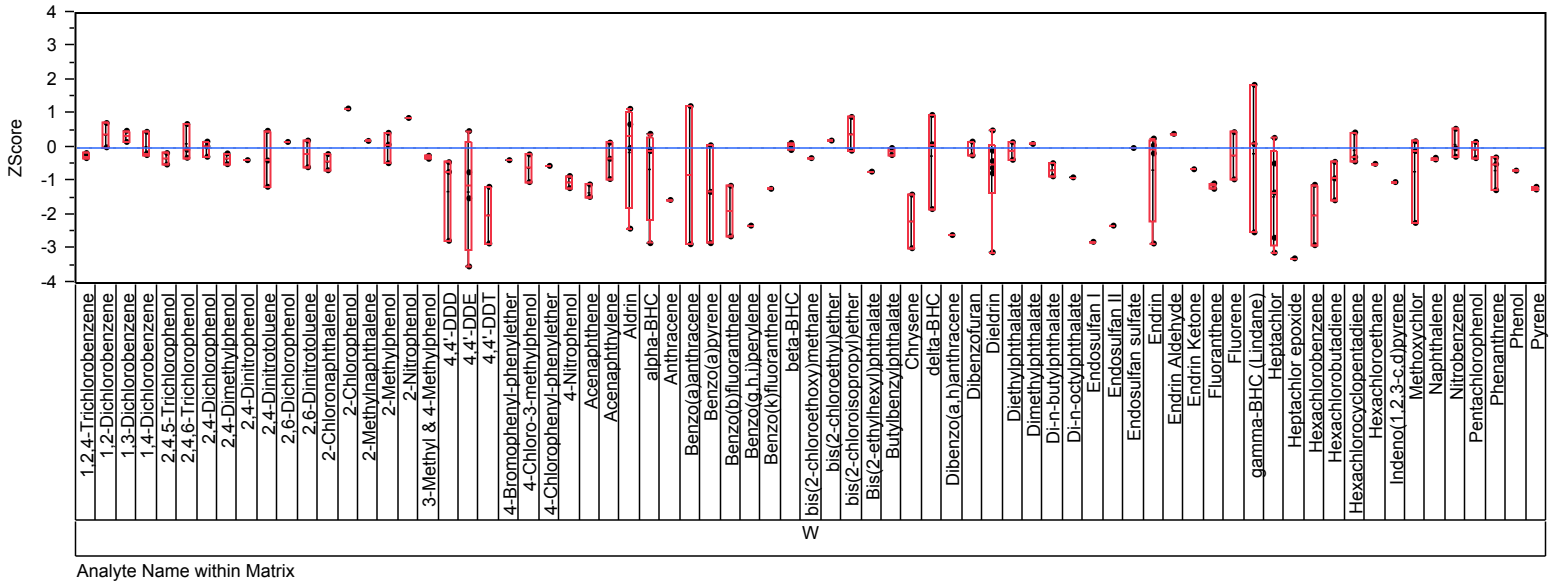
Variability Chart for ZScore

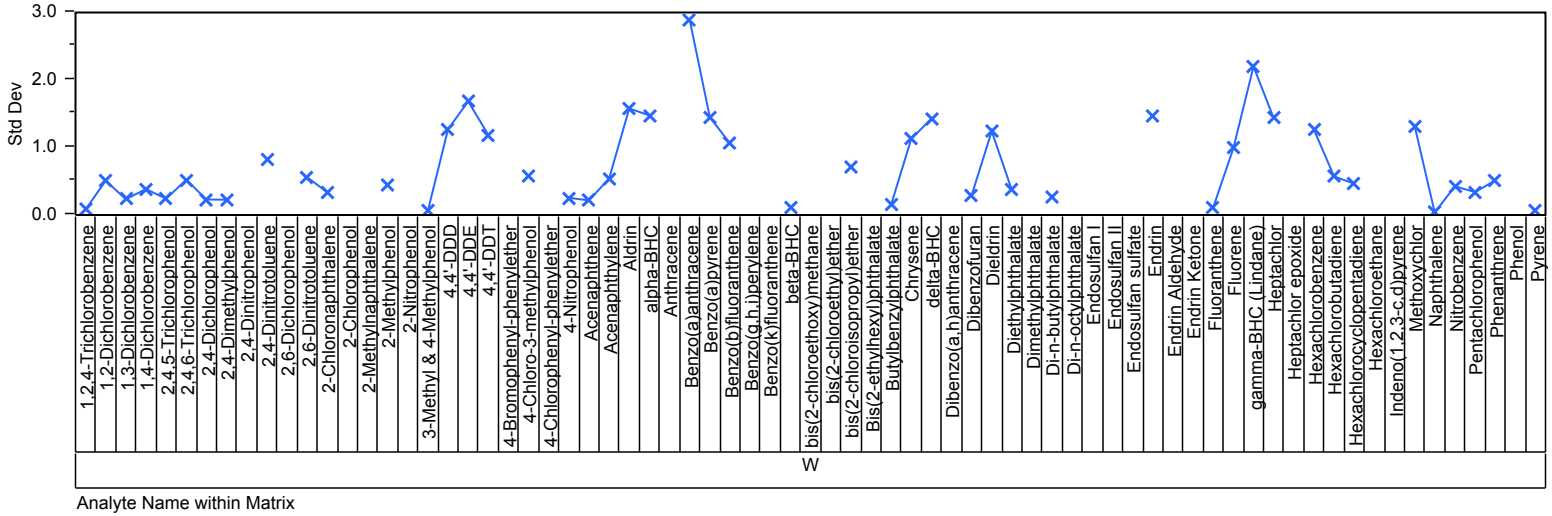




Variability Gauge Lab Code=NARL01

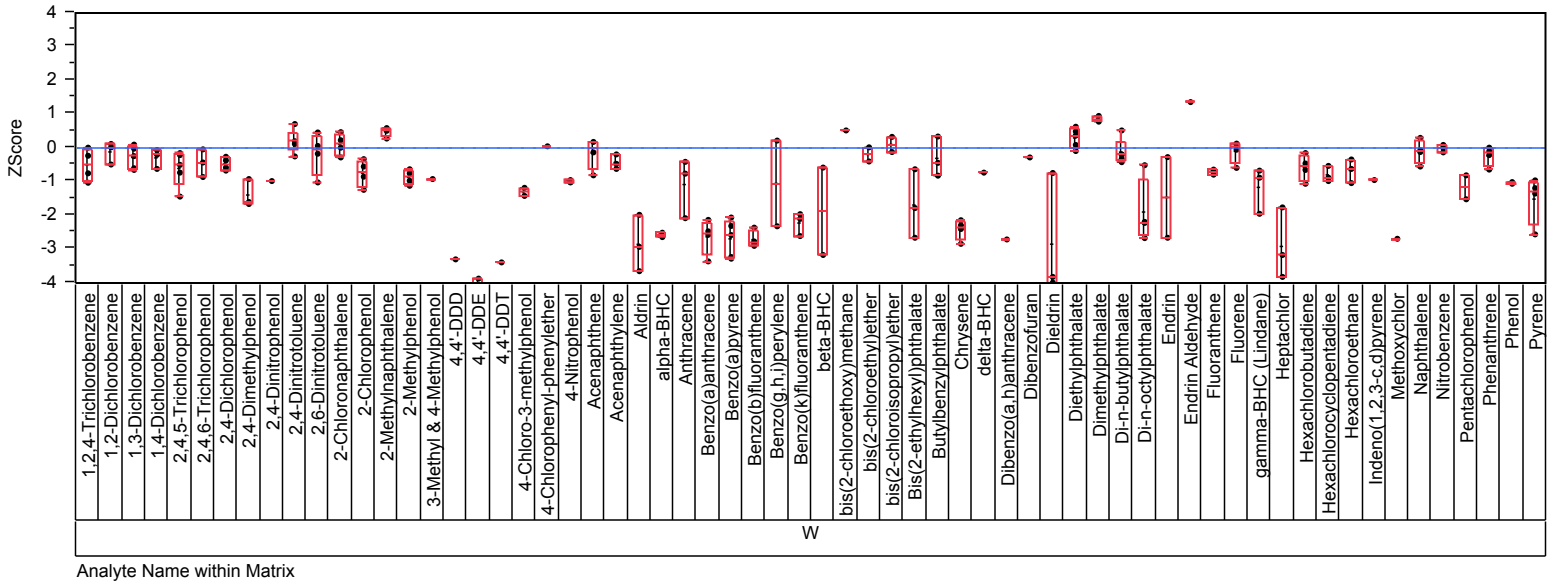
Variability Chart for ZScore

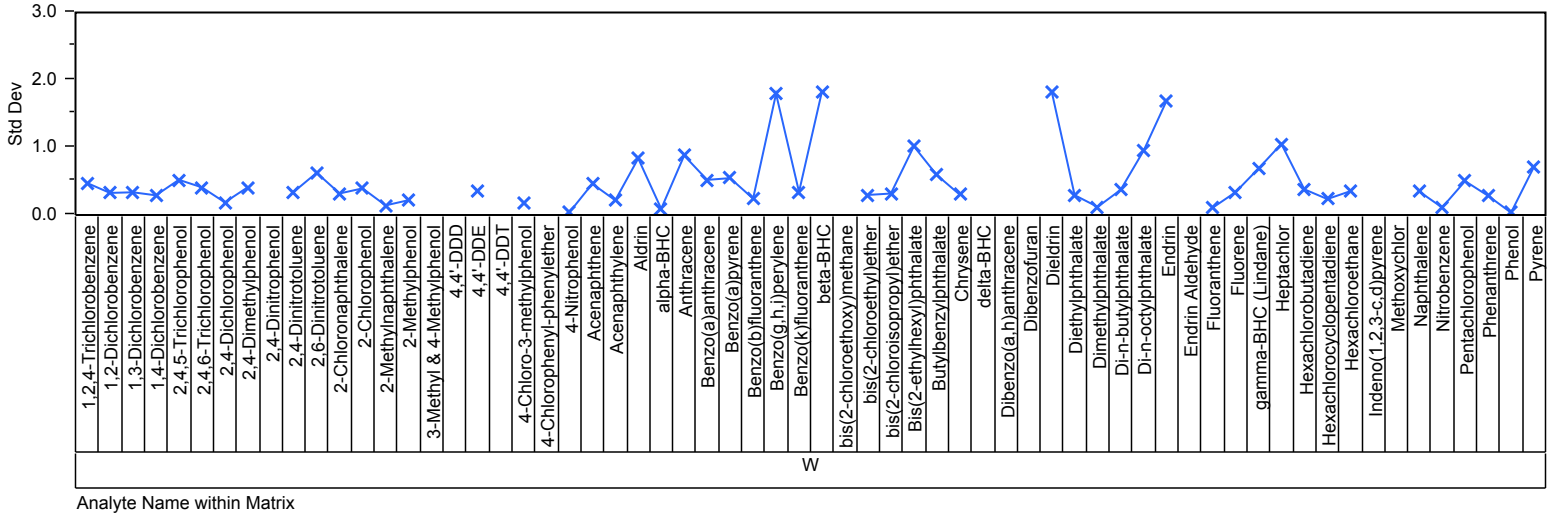




Variability Gauge Lab Code=NMLA01

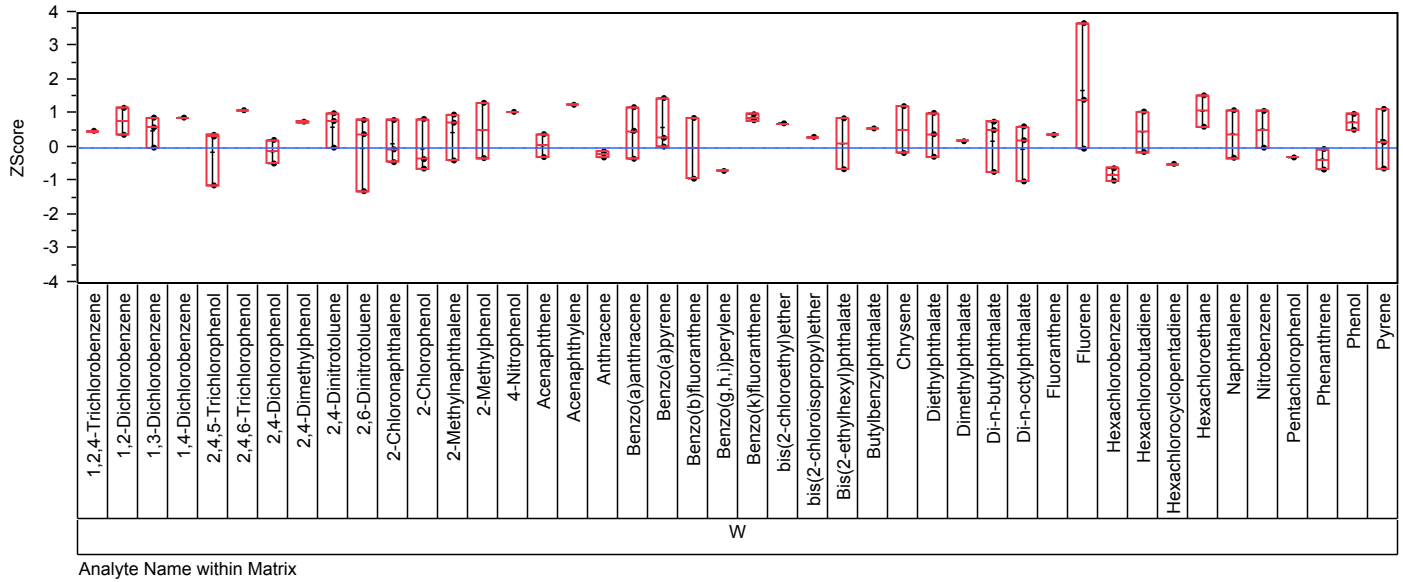
Variability Chart for ZScore

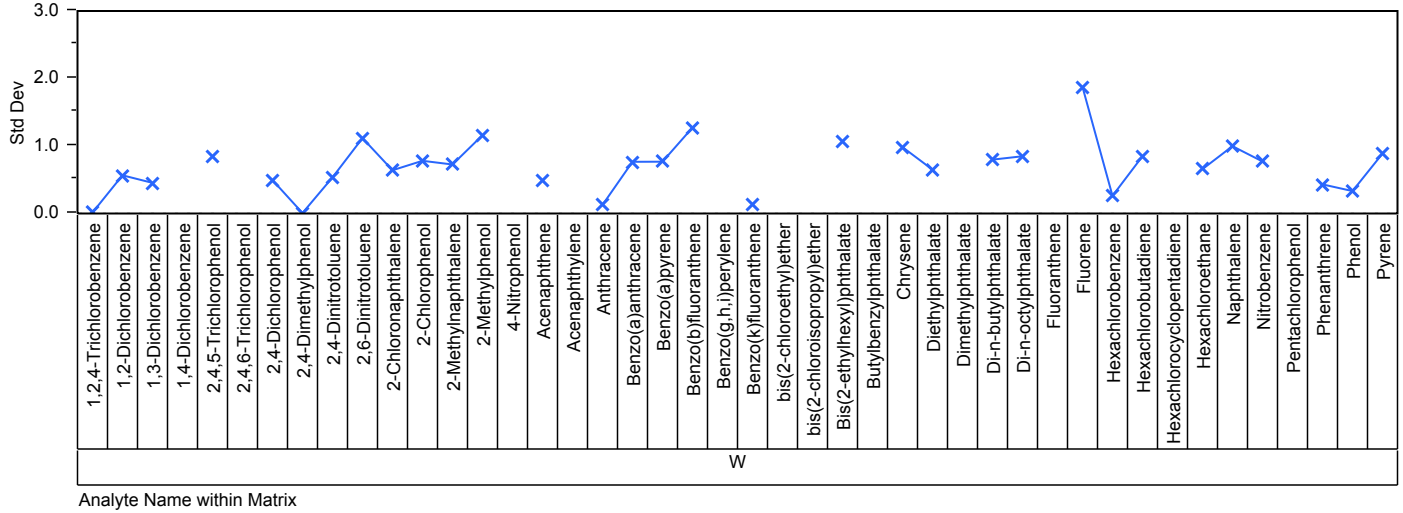




Variability Gauge Lab Code=OBGL01

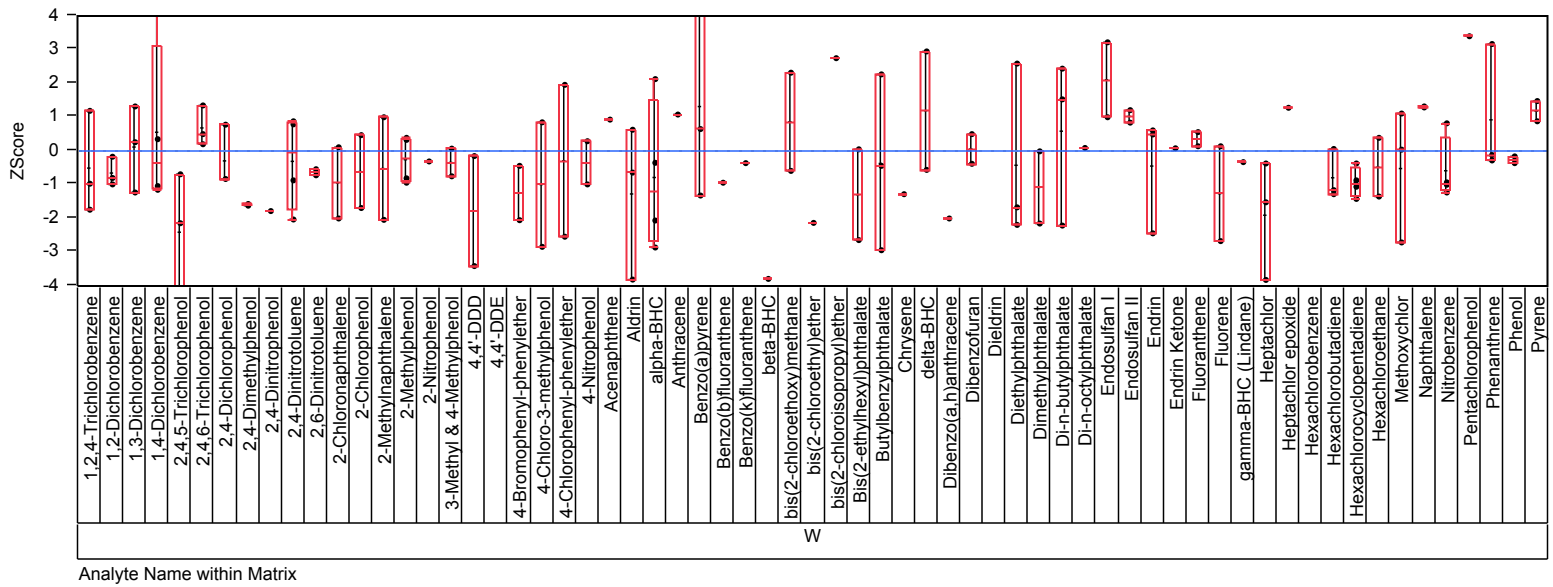
Variability Chart for ZScore

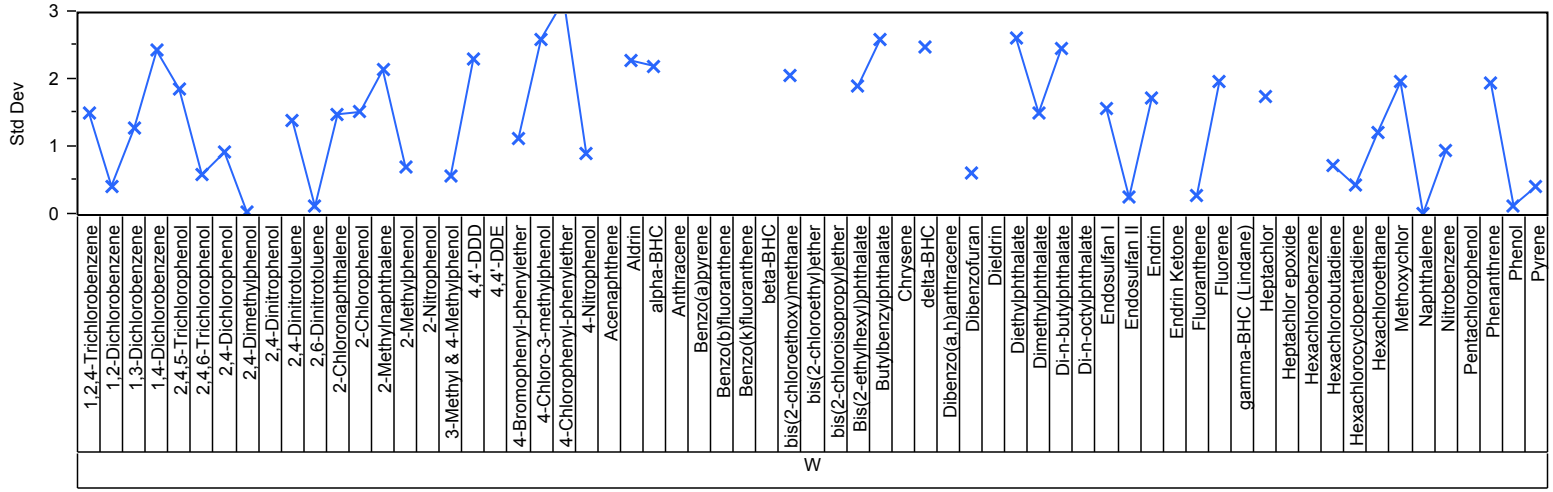




Variability Gauge Lab Code=OTLI01

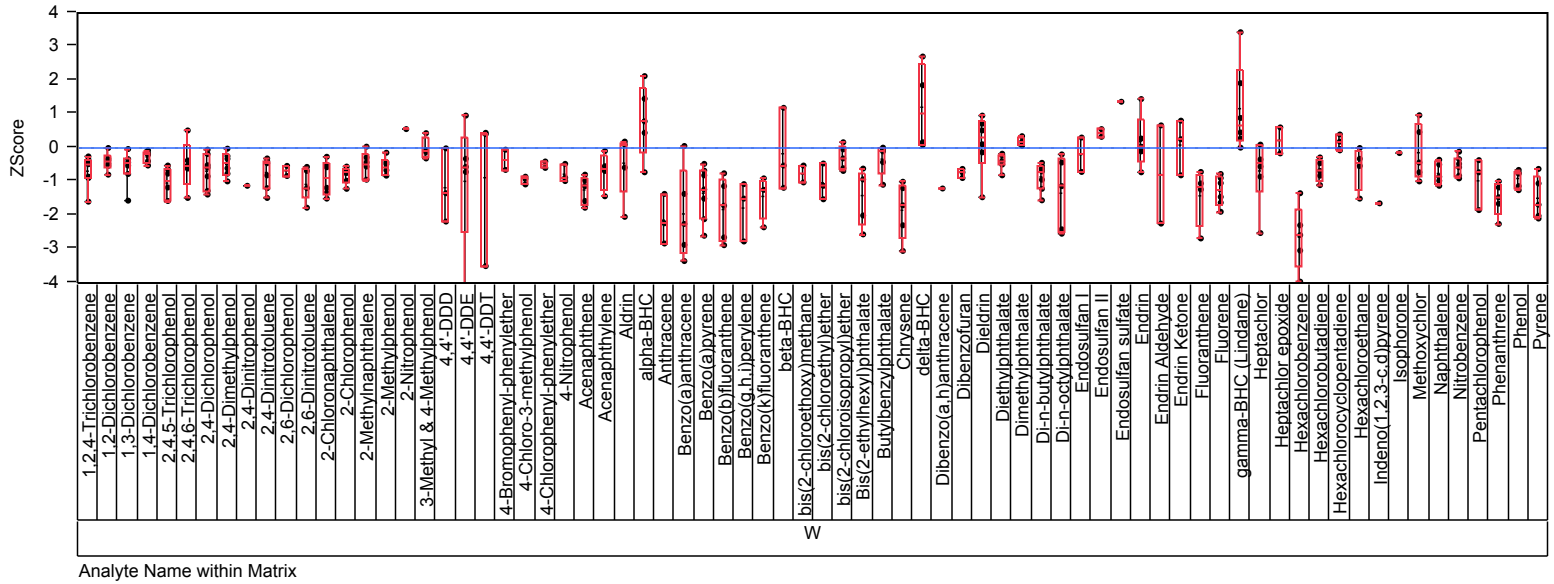
Variability Chart for ZScore

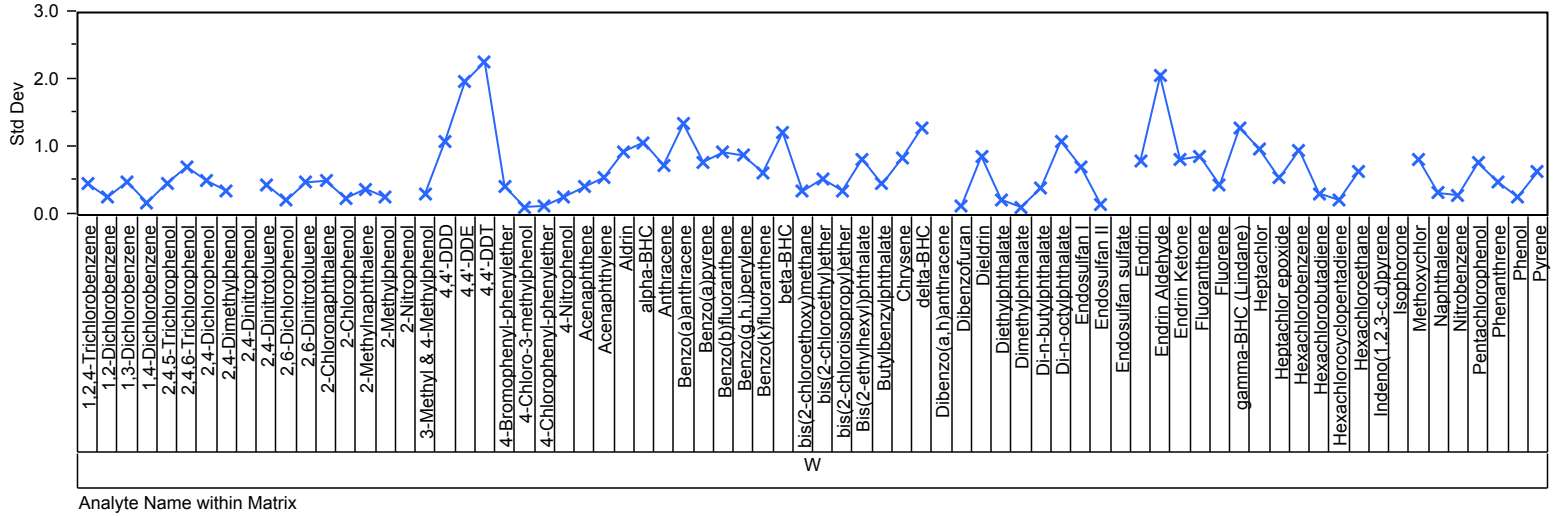




Variability Gauge Lab Code=QUAN01

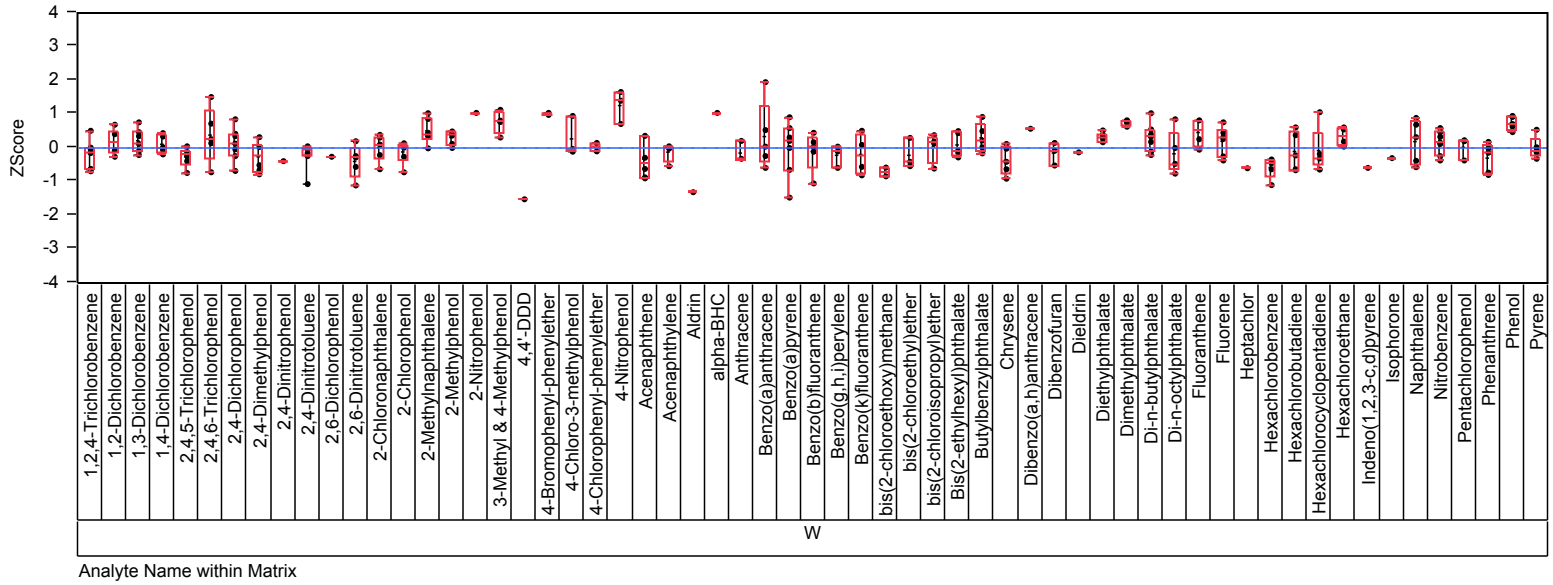
Variability Chart for ZScore

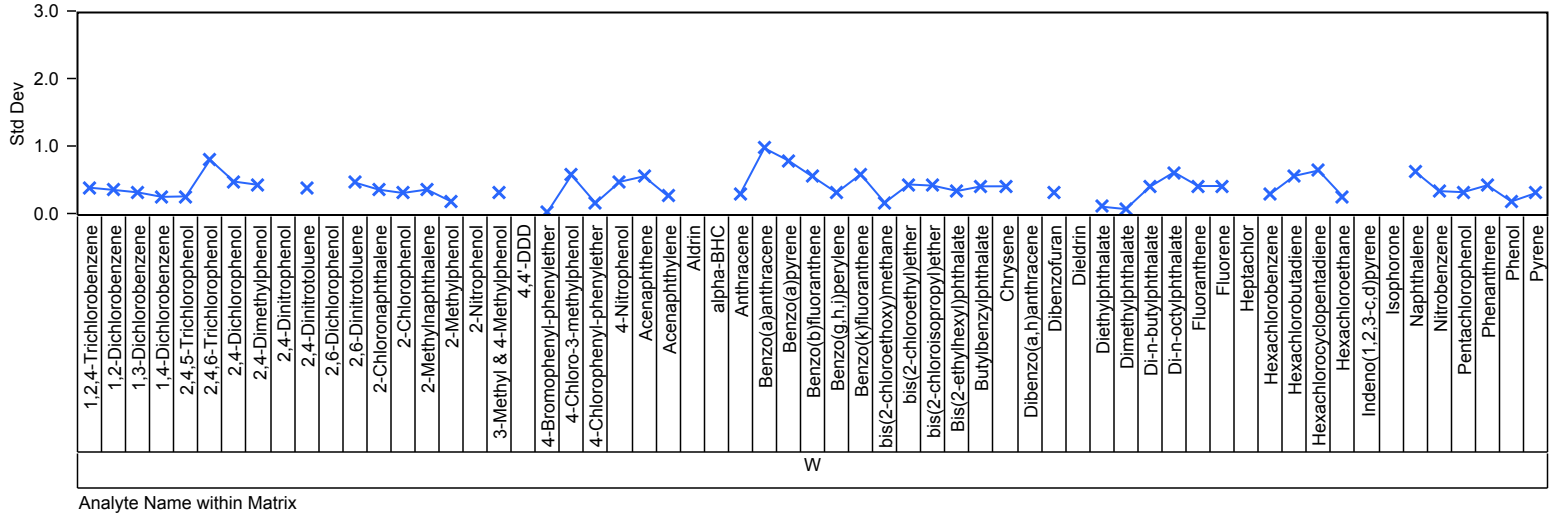




Variability Gauge Lab Code=QUAN02

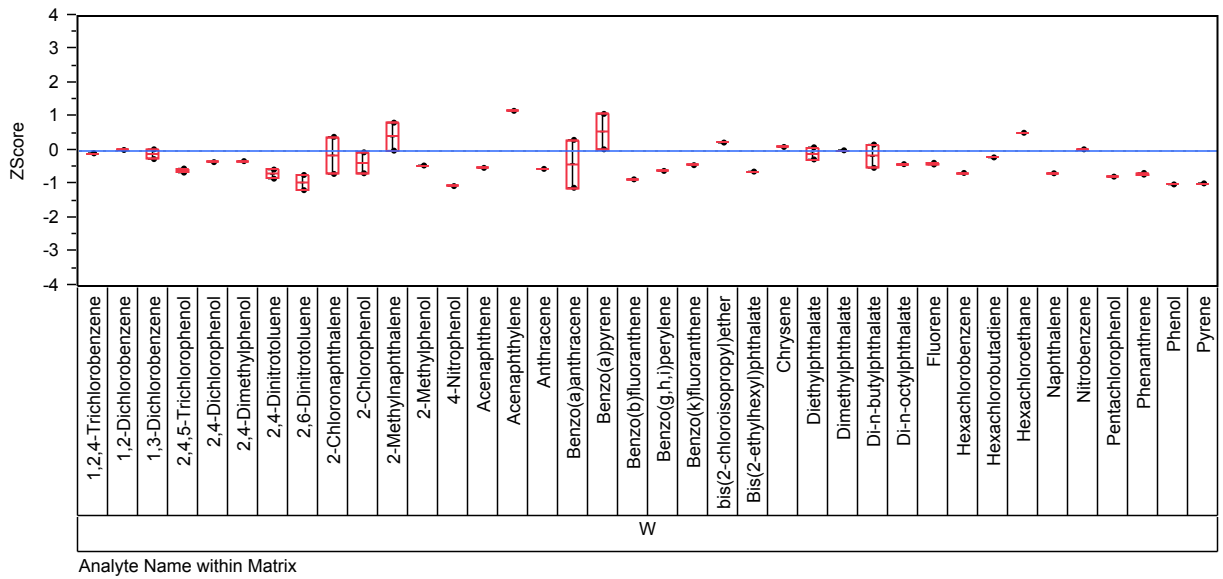
Variability Chart for ZScore

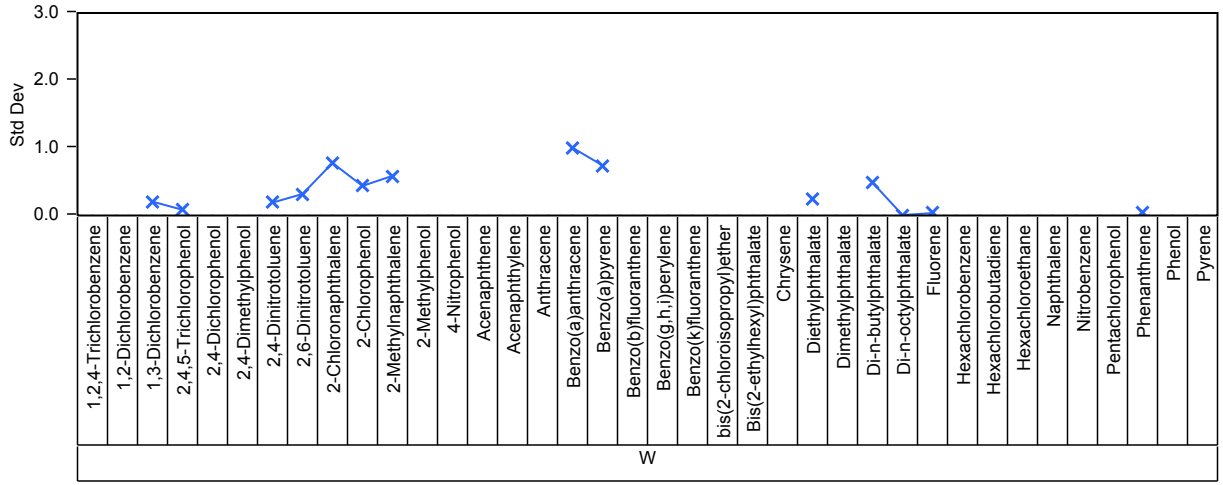




Variability Gauge Lab Code=SALC01

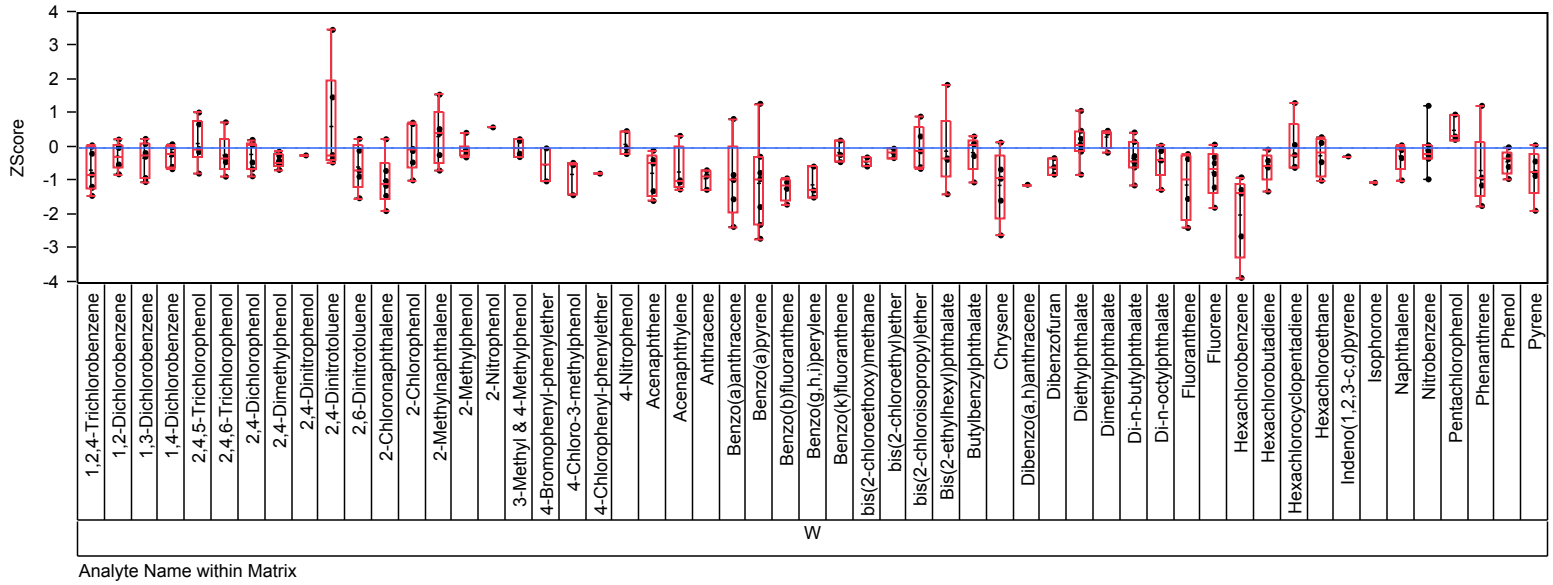
Variability Chart for ZScore

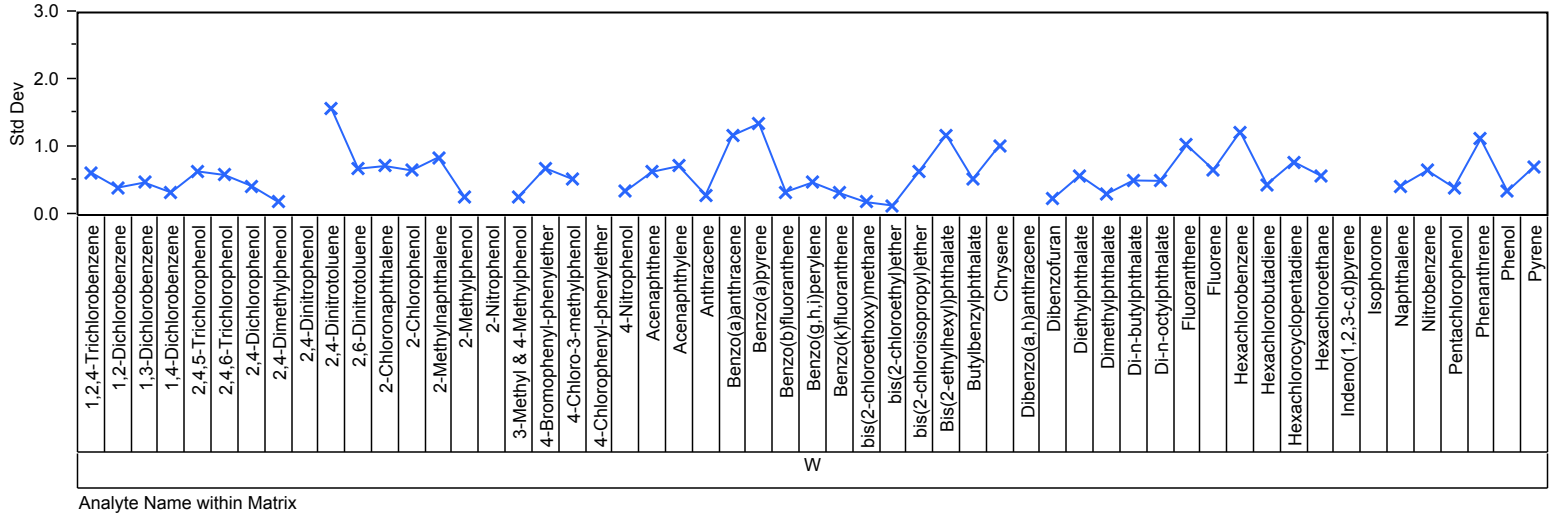




Variability Gauge Lab Code=SOUT01

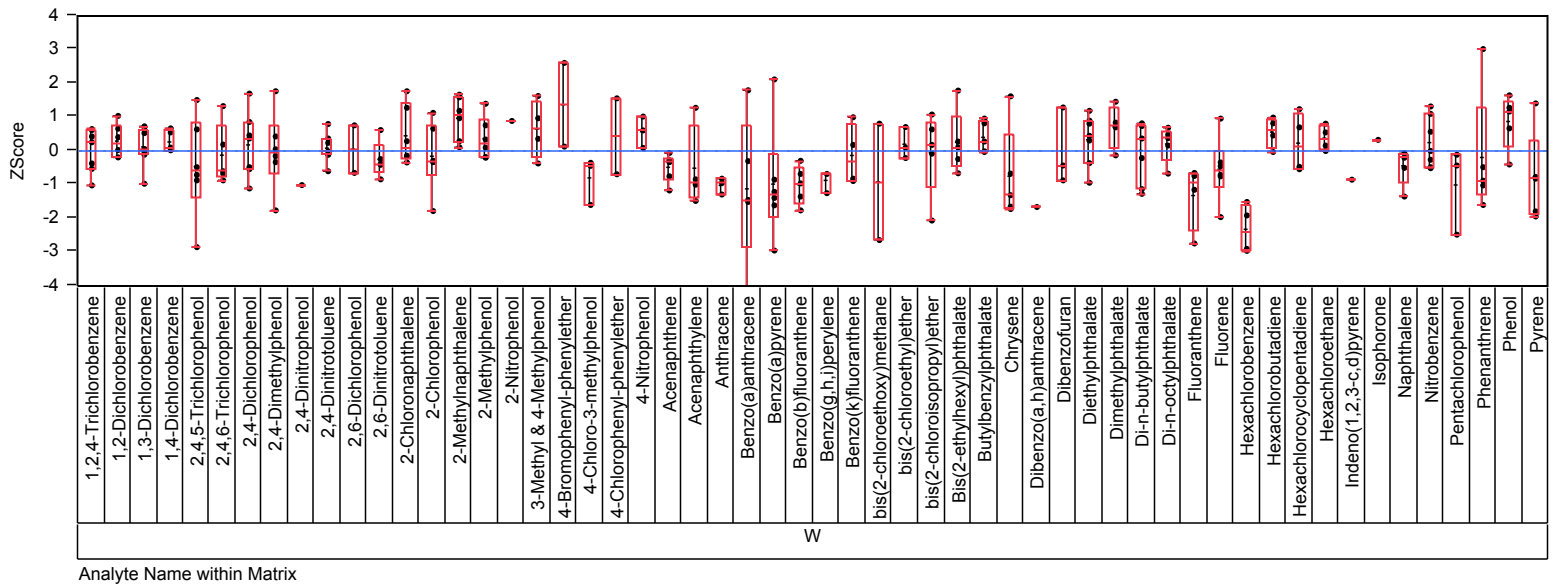
Variability Chart for ZScore

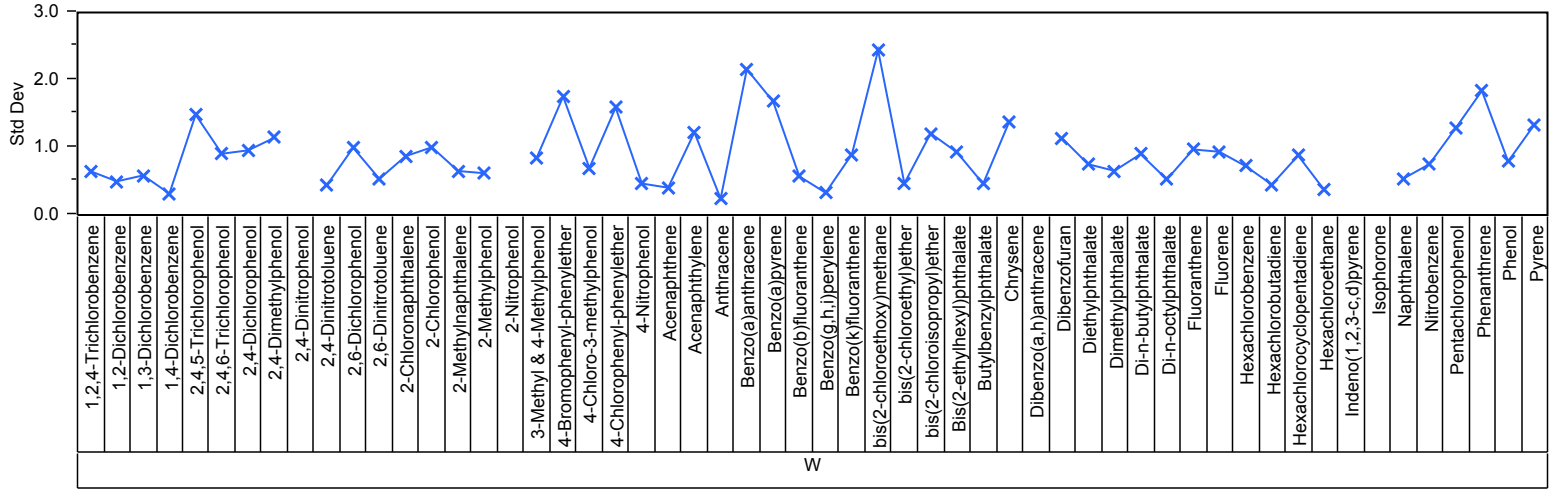


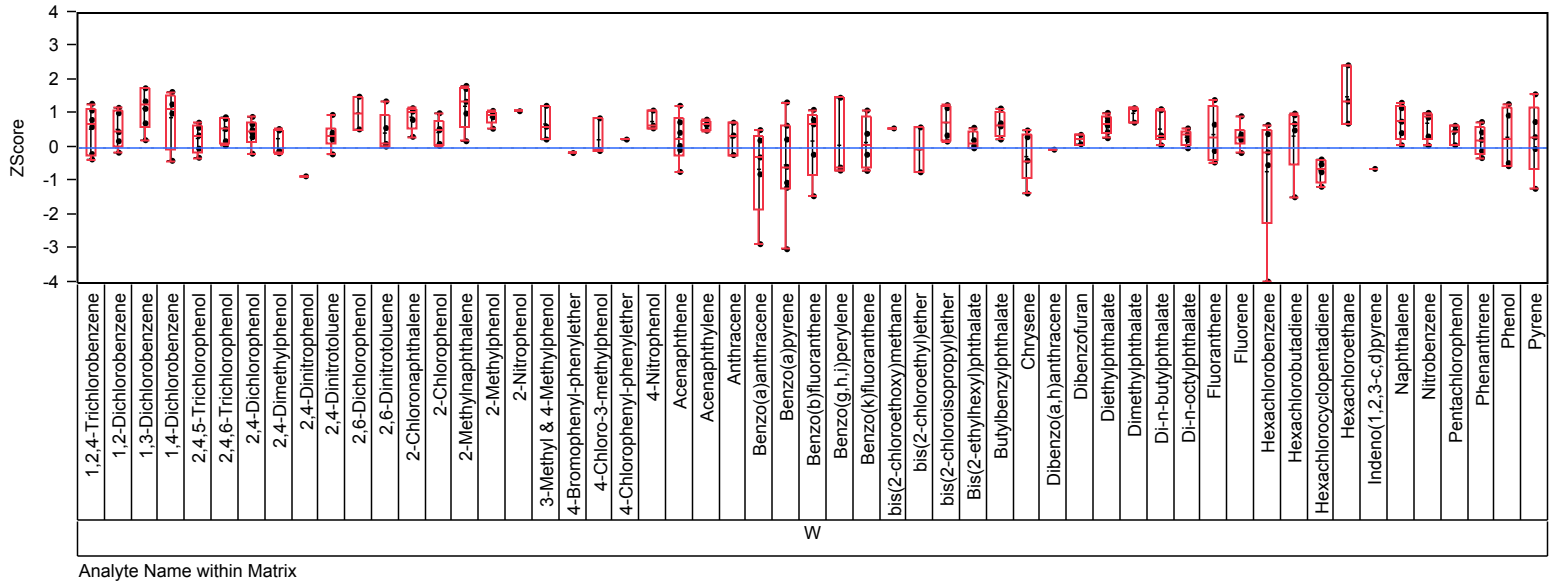
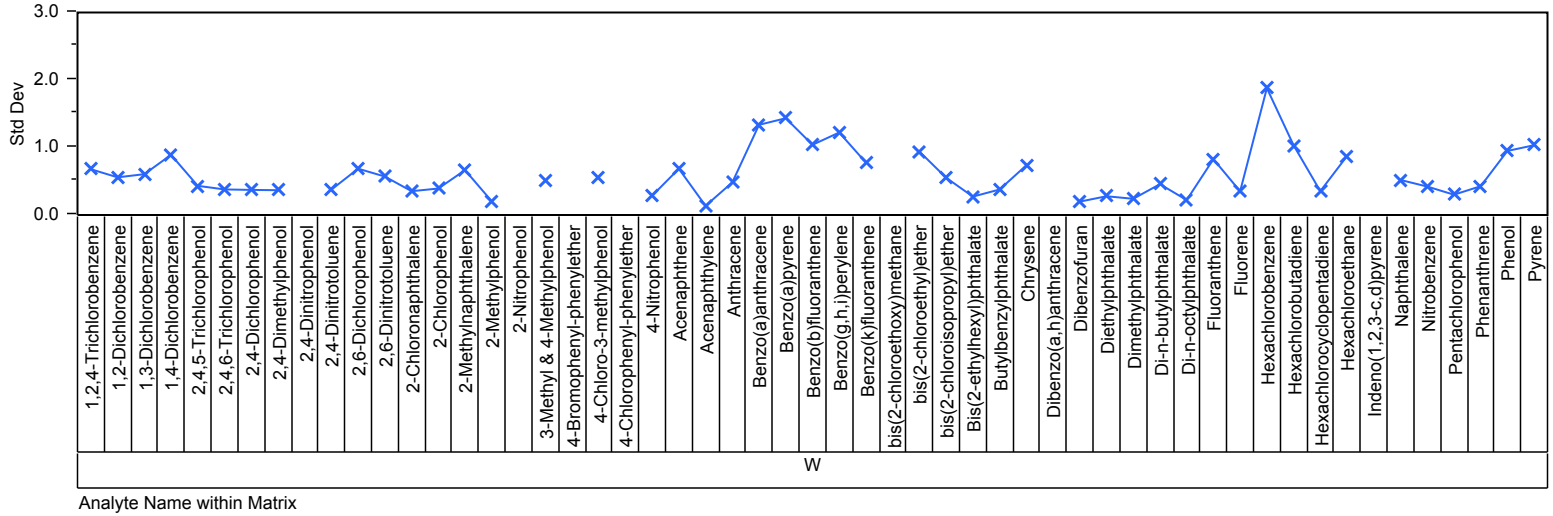


Variability Gauge Lab Code=WEST01

Variability Chart for ZScore





Variability Gauge Lab Code=WEST03

Variability Chart for ZScore