

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
 Data File : VW028121.D
 Acq On : 07 Mar 2024 12:45
 Operator : SY/MD
 Sample : P1638-01DL 2X
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DCNO2DL

Quant Time: Mar 08 00:17:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 08 00:16:11 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	255137	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	235027	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	117084	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	62781	20.614	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.440%
7) Chloroethane-d5	2.899	69	51157	21.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.720%
11) 1,1-Dichloroethene-d2	4.027	65	26304	21.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.560%
21) 2-Butanone-d5	7.075	46	30852	71.013	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.020%#
24) Chloroform-d	7.648	84	125785	23.277	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	8.307	65	66702	26.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.080%
32) Benzene-d6	8.276	84	256381	23.368	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.480%
36) 1,2-Dichloropropane-d6	9.270	67	67738	23.896	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	10.319	98	243444	23.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.160%
43) trans-1,3-Dichloroprop...	10.575	79	32858	26.451	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.800%
47) 2-Hexanone-d5	10.922	63	29793	74.616	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.240%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	66963	29.930	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	89865	25.808	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.240%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.051	96	132045	41.633	ug/L	90
13) Acetone	4.118	43	53366	87.878	ug/L	100
16) Methylene chloride	4.923	84	72645	20.699	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	39086	11.533	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	41926	10.102	ug/L #	87
20) cis-1,2-Dichloroethene	7.173	96	50833	14.253	ug/L	96
22) 2-Butanone	7.167	43	45007	66.361	ug/L	97
27) 1,2-Dichloroethane	8.398	62	64417	18.100	ug/L	99
31) Carbon tetrachloride	8.069	117	168166	34.318	ug/L	100
33) Benzene	8.325	78	306441	24.135	ug/L	100
34) Trichloroethene	9.087	95	156934	42.183	ug/L	96
37) 1,2-Dichloropropane	9.367	63	66975	22.651	ug/L	100
38) Bromodichloromethane	9.642	83	112979	26.453	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	130462	26.830	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	144566	123.096	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	71853	18.190	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	54965	22.165	ug/L	96
46) Tetrachloroethene	10.861	164	70284	22.541	ug/L #	78
48) 2-Hexanone	10.965	43	59580	62.742	ug/L	100

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49) Dibromochloromethane	11.123	129	44339	15.381	ug/L	91
50) 1,2-Dibromoethane	11.233	107	22391	9.375	ug/L #	94
52) Ethylbenzene	11.727	91	631318	38.488	ug/L	94
53) m,p-Xylene	11.843	106	205956	32.362	ug/L	99
54) o-Xylene	12.166	106	26125	4.338	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	28154	10.529	ug/L	96
59) Bromoform	12.349	173	42392	25.540	ug/L	95
61) 1,2,3-Trichloropropane	12.763	75	73478	40.825	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	243208	32.762	ug/L #	81
65) 1,4-Dichlorobenzene	13.574	146	101201	13.503	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	264845	39.606	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.482	75	6279	16.610	ug/L	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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