

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061224\
 Data File : VW029109.D
 Acq On : 12 Jun 2024 16:02
 Operator : SY/MD
 Sample : P2844-01DL 2X
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4DG1DL

Quant Time: Jun 13 00:51:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 13 00:47:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	301469	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	281346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126980	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	94231	19.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.720%
7) Chloroethane-d5	2.899	69	74418	20.235	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.960%
11) 1,1-Dichloroethene-d2	4.021	65	42012	19.958	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.840%
21) 2-Butanone-d5	7.075	46	54905	56.111	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.220%
24) Chloroform-d	7.654	84	202941	23.596	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	8.307	65	108605	23.985	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.960%
32) Benzene-d6	8.276	84	381754	22.107	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.440%
36) 1,2-Dichloropropane-d6	9.270	67	120607	23.035	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.160%
41) Toluene-d8	10.319	98	339836	22.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	10.575	79	46201	22.964	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.840%
47) 2-Hexanone-d5	10.922	63	39017	56.471	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.940%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95322	26.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	113159	25.113	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.440%
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	35883	34.993	ug/L	99
16) Methylene chloride	4.923	84	175990	38.897	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	152889	26.389	ug/L	99
22) 2-Butanone	7.167	43	97216	78.675	ug/L	97
25) Chloroform	7.679	83	293075	36.941	ug/L	98
31) Carbon tetrachloride	8.069	117	229508	38.653	ug/L	97
33) Benzene	8.325	78	209978	12.003	ug/L	100
34) Trichloroethene	9.093	95	222744	48.431	ug/L	91
38) Bromodichloromethane	9.642	83	284418	50.906	ug/L	# 99
39) cis-1,3-Dichloropropene	10.075	75	51739	7.771	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	125711	53.950	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	156887	29.230	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	129091	41.723	ug/L	97
49) Dibromochloromethane	11.123	129	76059	23.275	ug/L	97
50) 1,2-Dibromoethane	11.233	107	122065	43.218	ug/L	99
51) Chlorobenzene	11.654	112	193243	16.833	ug/L	95
52) Ethylbenzene	11.727	91	197109	9.707	ug/L	99
53) m,p-Xylene	11.830	106	202445	26.918	ug/L	89
54) o-Xylene	12.166	106	329220	47.275	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Styrene	12.178	104	400127	33.326	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	76767	21.979	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	136583	57.023	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	353852	51.122	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	53376	12.420	ug/L	98

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

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