

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
 Data File : VW029381.D
 Acq On : 27 Jun 2024 15:09
 Operator : SY/MD
 Sample : P3065-12
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 00:55:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 27 05:32:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	268941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	242845	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109400	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	56782	15.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.000%
7) Chloroethane-d5	2.893	69	48532	15.439	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.760%
11) 1,1-Dichloroethene-d2	4.021	65	28568	15.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.560%
21) 2-Butanone-d5	7.075	46	46733	41.962	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.920%
24) Chloroform-d	7.648	84	166360	20.736	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.960%
26) 1,2-Dichloroethane-d4	8.307	65	86017	18.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.680%
32) Benzene-d6	8.276	84	275364	18.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.680%
36) 1,2-Dichloropropane-d6	9.270	67	92530	19.734	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.920%
41) Toluene-d8	10.325	98	250964	19.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.920%
43) trans-1,3-Dichloroprop...	10.575	79	37723	19.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.840%
47) 2-Hexanone-d5	10.922	63	31316	42.605	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	75127	20.132	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.520%
66) 1,2-Dichlorobenzene-d4	13.635	152	82	0.022	ug/L	-0.21
Spiked Amount	25.000	Range	75 - 120	Recovery	=	0.080%#
Target Compounds						
					Qvalue	
13) Acetone	4.119	43	81980	86.618	ug/L	95
16) Methylene chloride	4.917	84	294194	62.211	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	301505	54.455	ug/L	98
22) 2-Butanone	7.167	43	202858	156.358	ug/L	97
25) Chloroform	7.673	83	536285	73.477	ug/L	99
31) Carbon tetrachloride	8.069	117	423301	85.810	ug/L	98
33) Benzene	8.325	78	373210	25.577	ug/L	100
34) Trichloroethene	9.087	95	403853	103.742	ug/L	92
38) Bromodichloromethane	9.642	83	528548	105.435	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	92312	15.927	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	262999	103.491	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	298445	60.983	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	237360	83.122	ug/L	97
48) 2-Hexanone	10.922	43	4758	2.639	ug/L	# 67
49) Dibromochloromethane	11.129	129	134938	45.205	ug/L	97
50) 1,2-Dibromoethane	11.233	107	229042	89.353	ug/L	96
51) Chlorobenzene	11.654	112	338562	34.757	ug/L	98
52) Ethylbenzene	11.727	91	360373	21.164	ug/L	99
53) m,p-Xylene	11.831	106	354530	57.003	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	12.160	106	581769	100.085	ug/L	98
55) Styrene	12.178	104	712376	70.290	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	143299	40.569	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	257789	108.034	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	585392	100.378	ug/L	93
69) 1,3,5-Trichlorobenzene	15.129	180	94820	22.272	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	94820	27.474	ug/L	94
71) Naphthalene	15.360	128	172304	25.296	ug/L	100

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

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