

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021128.D
 Acq On : 04 Dec 2021 19:16
 Operator : SY/VA
 Sample : M4885-14
 Misc : 3.93g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M1

Quant Time: Dec 06 00:51:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	52116	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	20294	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	2430	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44272	60.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 243.880%#	
7) Chloroethane-d5	2.885	69	30410	62.562	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 250.240%#	
11) 1,1-Dichloroethene-d2	4.019	63	43387	37.403	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 149.600%#	
21) 2-Butanone-d5	7.080	46	15858	95.747	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 191.500%#	
24) Chloroform-d	7.653	84	61613	47.207	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 188.840%#	
26) 1,2-Dichloroethane-d4	8.305	65	32399	45.375	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 181.480%#	
32) Benzene-d6	8.275	84	105787	101.949	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 407.800%#	
36) 1,2-Dichloropropane-d6	9.275	67	31080	107.782	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 431.120%#	
41) Toluene-d8	10.323	98	62031	58.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 233.200%#	
43) trans-1,3-Dichloroprop...	10.579	79	6357	48.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 194.200%#	
47) 2-Hexanone-d5	10.921	63	7773	140.889	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 281.780%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	14355	53.810	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 215.240%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	3367	38.671	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 154.680%#	
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	2204	14.609	ug/L	96
14) Carbon disulfide	4.379	76	22517	11.992	ug/L	99
16) Methylene chloride	4.922	84	4110	5.006	ug/L	79
17) trans-1,2-Dichloroethene	5.434	96	1190	1.652	ug/L	85
20) cis-1,2-Dichloroethene	7.177	96	5603	7.333	ug/L	73
25) Chloroform	7.677	83	2501	1.951	ug/L	96
27) 1,2-Dichloroethane	8.403	62	1837	2.190	ug/L #	86
29) Cyclohexane	7.952	56	1114	2.488	ug/L #	85
33) Benzene	8.330	78	3325	2.881	ug/L	100
34) Trichloroethene	9.092	95	2150410	6754.172	ug/L	96
35) Methylcyclohexane	9.335	83	4207	7.850	ug/L	90
40) 4-Methyl-2-pentanone	10.207	43	480	2.701	ug/L #	89
42) Toluene	10.384	91	13926	10.565	ug/L	95
45) 1,1,2-Trichloroethane	10.793	97	1546	7.070	ug/L	100
46) Tetrachloroethene	10.866	164	1221716	4190.548	ug/L	92
52) Ethylbenzene	11.731	91	1856	1.251	ug/L	97
53) m,p-Xylene	11.835	106	1881	3.064	ug/L	72
54) o-Xylene	12.164	106	1674	2.892	ug/L	69
60) Isopropylbenzene	12.457	105	729	2.159	ug/L #	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
63) 1,2,4-Trimethylbenzene	13.249	105	773	2.718	ug/L	99

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

