

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021050.D
 Acq On : 02 Dec 2021 16:25
 Operator : SY/VA
 Sample : M4886-14
 Misc : 3.22g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX893

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/03/2021
 Supervised By : Amit Patel 12/07/2021

Quant Time: Dec 03 02:26:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	78368	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	38026	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	5850	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	20263	22.291	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.160%		
7) Chloroethane-d5	2.879	69	17974	30.658	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	122.640%		
11) 1,1-Dichloroethene-d2	4.013	63	23651	13.447	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	53.800%		
21) 2-Butanone-d5	7.080	46	12663	55.810	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.620%		
24) Chloroform-d	7.647	84	49149	24.890	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	99.560%		
26) 1,2-Dichloroethane-d4	8.305	65	25174	25.117	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.480%		
32) Benzene-d6	8.268	84	84065	41.945	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	167.800%#		
36) 1,2-Dichloropropane-d6	9.274	67	26704	46.791	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	187.160%#		
41) Toluene-d8	10.323	98	58874	29.597	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	118.400%		
43) trans-1,3-Dichloroprop...	10.573	79	5717	21.194	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	84.760%		
47) 2-Hexanone-d5	10.920	63	8260	87.267	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	174.540%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	16781	38.384	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	153.520%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	5657	27.132	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.520%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	922m	4.551	ug/L	
29) Cyclohexane	7.945	56	894m	1.055	ug/L	
34) Trichloroethene	9.091	95	908835	1509.154	ug/L	94
35) Methylcyclohexane	9.335	83	2959	2.980	ug/L	# 85
42) Toluene	10.384	91	7016	2.897	ug/L	100
45) 1,1,2-Trichloroethane	10.780	97	675	1.732	ug/L	# 74
46) Tetrachloroethene	10.859	164	680513	1230.730	ug/L	95
52) Ethylbenzene	11.731	91	1747	0.651	ug/L	100
53) m,p-Xylene	11.829	106	1708	1.559	ug/L	90
54) o-Xylene	12.164	106	1613	1.533	ug/L	80
60) Isopropylbenzene	12.463	105	1001	1.256	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	405	0.603	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	1362	2.054	ug/L	97

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

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