

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021030.D
 Acq On : 02 Dec 2021 07:29
 Operator : SY/VA
 Sample : M4881-18
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F4

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 00:23:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 07:10:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	80815	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	36569	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	4792	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	20484	21.852	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.400%		
7) Chloroethane-d5	2.885	69	15629	25.851	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	103.400%		
11) 1,1-Dichloroethene-d2	4.019	63	23962	13.212	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	52.840%		
21) 2-Butanone-d5	7.080	46	10782	46.081	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.160%		
24) Chloroform-d	7.647	84	49237	24.180	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.720%		
26) 1,2-Dichloroethane-d4	8.305	65	23488	22.725	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	90.880%		
32) Benzene-d6	8.275	84	81792	42.437	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	169.760%#		
36) 1,2-Dichloropropane-d6	9.275	67	26281	47.885	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	191.520%#		
41) Toluene-d8	10.323	98	56258	29.408	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	117.640%		
43) trans-1,3-Dichloroprop...	10.579	79	5034	19.405	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.640%		
47) 2-Hexanone-d5	10.927	63	6590	72.397	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	144.800%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	14044	33.403	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	133.600%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	3956	23.162	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.640%		
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	1988m	9.516	ug/L	
16) Methylene chloride	4.916	84	5338	4.736	ug/L	81
27) 1,2-Dichloroethane	8.397	62	4275	3.572	ug/L	97
29) Cyclohexane	7.964	56	422m	0.518	ug/L	
34) Trichloroethene	9.092	95	4910	8.478	ug/L	85
35) Methylcyclohexane	9.342	83	1436	1.504	ug/L	# 92
42) Toluene	10.384	91	8240	3.538	ug/L	91
46) Tetrachloroethene	10.860	164	4612	8.673	ug/L	96
52) Ethylbenzene	11.731	91	7833	3.035	ug/L	97
53) m,p-Xylene	11.829	106	11930	11.323	ug/L	82
54) o-Xylene	12.164	106	3424	3.384	ug/L	99
60) Isopropylbenzene	12.469	105	361	0.553	ug/L	# 80
62) 1,3,5-Trimethylbenzene	12.945	105	334	0.607	ug/L	# 74
63) 1,2,4-Trimethylbenzene	13.243	105	938	1.727	ug/L	# 82

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

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