

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021031.D
 Acq On : 02 Dec 2021 07:53
 Operator : SY/VA
 Sample : M4881-19
 Misc : 4.88g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9F5

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 00:23:53 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	8.841	114	54354	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	19376	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	2492	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	19217	30.480	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.920%			
7) Chloroethane-d5	2.885	69	14491	35.637	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 142.560%			
11) 1,1-Dichloroethene-d2	4.019	63	20845	17.088	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.360%			
21) 2-Butanone-d5	7.080	46	9391	59.676	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.360%			
24) Chloroform-d	7.647	84	42079	30.725	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 122.880%			
26) 1,2-Dichloroethane-d4	8.305	65	19218	27.646	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.600%			
32) Benzene-d6	8.275	84	65539	64.178	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 256.720%#			
36) 1,2-Dichloropropane-d6	9.274	67	21984	75.598	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 302.400%#			
41) Toluene-d8	10.323	98	37518	37.015	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 148.040%#			
43) trans-1,3-Dichloroprop...	10.579	79	3114	22.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.640%			
47) 2-Hexanone-d5	10.926	63	4927	102.157	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 204.320%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	9863	44.275	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 177.080%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	2361	26.582	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 106.320%			
Target Compounds						Qvalue
13) Acetone	4.135	43	1653m	11.765	ug/L	
16) Methylene chloride	4.921	84	4511m	5.951	ug/L	
27) 1,2-Dichloroethane	8.403	62	3910	4.858	ug/L	# 93
29) Cyclohexane	7.951	56	547m	1.266	ug/L	
34) Trichloroethene	9.091	95	8374	27.290	ug/L	92
35) Methylcyclohexane	9.335	83	1857	3.671	ug/L	# 67
40) 4-Methyl-2-pentanone	10.213	43	396	2.606	ug/L	# 86
42) Toluene	10.390	91	8509	6.896	ug/L	90
46) Tetrachloroethene	10.859	164	13107	46.521	ug/L	98
52) Ethylbenzene	11.731	91	6446	4.714	ug/L	94
53) m,p-Xylene	11.835	106	9417	16.868	ug/L	98
54) o-Xylene	12.164	106	2929	5.463	ug/L	84
60) Isopropylbenzene	12.457	105	317	0.934	ug/L	# 54
62) 1,3,5-Trimethylbenzene	12.938	105	314	1.097	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	872	3.087	ug/L	87

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

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