

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021505.D
 Acq On : 20 Dec 2021 18:00
 Operator : SY/VA
 Sample : M5171-05
 Misc : 6.42g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2021
 Supervised By : Amit Patel 12/24/2021

Quant Time: Dec 20 18:55:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	20543	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	27189	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	14992	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	1685	4.504	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	18.000%	#	
7) Chloroethane-d5	2.885	69	2072	8.377	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	33.520%		
11) 1,1-Dichloroethene-d2	4.013	63	3308	6.632	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	26.520%	#	
21) 2-Butanone-d5	7.086	46	6186	117.294	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	234.580%	#	
24) Chloroform-d	7.647	84	12913	22.556	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	90.240%		
26) 1,2-Dichloroethane-d4	8.311	65	11391	37.406	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	149.640%	#	
32) Benzene-d6	8.275	84	21768	14.606	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	58.440%		
36) 1,2-Dichloropropane-d6	9.274	67	9544	23.879	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.520%		
41) Toluene-d8	10.323	98	21402	14.055	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	56.240%		
43) trans-1,3-Dichloroprop...	10.579	79	4414	23.985	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.920%		
47) 2-Hexanone-d5	10.927	63	4675	79.099	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	158.200%	#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	12089	35.185	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	140.720%	#	
66) 1,2-Dichlorobenzene-d4	13.853	152	12452	21.431	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.720%		
Target Compounds						
16) Methylene chloride	4.922	84	4027	11.864	ug/L	# 70
42) Toluene	10.390	91	2190	1.264	ug/L	99
46) Tetrachloroethene	10.860	164	303	0.767	ug/L	# 70
52) Ethylbenzene	11.731	91	3973	2.007	ug/L	99
53) m,p-Xylene	11.835	106	5730	7.175	ug/L	80
54) o-Xylene	12.164	106	2671	3.524	ug/L	99
60) Isopropylbenzene	12.463	105	4747	2.330	ug/L	# 91
62) 1,3,5-Trimethylbenzene	12.945	105	3400m	1.961	ug/L	
63) 1,2,4-Trimethylbenzene	13.249	105	12142	7.100	ug/L	91
67) 1,2-Dichlorobenzene	13.871	146	1540m	1.820	ug/L	

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

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