

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120121\
 Data File : VW021006.D
 Acq On : 01 Dec 2021 16:58
 Operator : SY/VA
 Sample : M4868-07
 Misc : 6.36g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKP2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/05/2021
 Supervised By :Amit Patel 12/07/2021

Quant Time: Dec 02 01:59:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 02 01:54:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	1311	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	1170	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	654	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	176	11.574	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	46.280%		
7) Chloroethane-d5	2.910	69	122	12.439	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.760%		
11) 1,1-Dichloroethene-d2	4.038	63	331m	11.250	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	45.000%		
21) 2-Butanone-d5	7.092	46	19m	5.006	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	10.020%#		
24) Chloroform-d	7.647	84	604m	18.285	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	73.120%		
26) 1,2-Dichloroethane-d4	8.311	65	388m	23.141	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.560%		
32) Benzene-d6	8.275	84	1010	16.379	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	65.520%		
36) 1,2-Dichloropropane-d6	9.275	67	275	15.661	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	62.640%#		
41) Toluene-d8	10.317	98	891	14.558	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	58.240%		
43) trans-1,3-Dichloroprop...	10.585	79	110	13.253	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	53.000%		
47) 2-Hexanone-d5	10.921	63	20m	6.867	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	13.740%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	318	23.640	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.560%		
66) 1,2-Dichlorobenzene-d4	13.853	152	430	18.447	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.800%#		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	7.171	96	1190m	62.369	ug/L	
34) Trichloroethene	9.098	95	858	46.305	ug/L	89
42) Toluene	10.390	91	5306	71.209	ug/L	98
46) Tetrachloroethene	10.854	164	372	21.866	ug/L	# 67
51) Chlorobenzene	11.652	112	246	4.964	ug/L	# 92
52) Ethylbenzene	11.731	91	5785	70.063	ug/L	94
53) m,p-Xylene	11.835	106	8004	237.437	ug/L	88
54) o-Xylene	12.164	106	2358	72.834	ug/L	86
55) Styrene	12.183	104	1346	25.038	ug/L	99
60) Isopropylbenzene	12.463	105	2811	31.557	ug/L	93
62) 1,3,5-Trimethylbenzene	12.939	105	1691	22.504	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	5899	79.566	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	555	15.081	ug/L	89

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

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