

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021607.D
 Acq On : 23 Dec 2021 12:27
 Operator : SY/VA
 Sample : M5174-03
 Misc : 5.98g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBC14

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/24/2021
 Supervised By : Mahesh Dadoda 01/02/2022

Quant Time: Dec 24 00:32:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	76821	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	54305	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	14814	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	24277	17.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.400%		
7) Chloroethane-d5	2.885	69	17884	19.336	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.360%		
11) 1,1-Dichloroethene-d2	4.019	63	28987	15.540	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.160%		
21) 2-Butanone-d5	7.080	46	19501	98.880	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	197.760%#		
24) Chloroform-d	7.653	84	52683	24.609	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.440%		
26) 1,2-Dichloroethane-d4	8.305	65	34367	30.179	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	120.720%		
32) Benzene-d6	8.275	84	90747	30.486	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	121.960%		
36) 1,2-Dichloropropane-d6	9.274	67	29082	36.430	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	145.720%#		
41) Toluene-d8	10.323	98	70108	23.052	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.200%		
43) trans-1,3-Dichloroprop...	10.579	79	10711	29.140	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	116.560%		
47) 2-Hexanone-d5	10.927	63	15030	127.322	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	254.640%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25988	37.869	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	151.480%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	11577	20.165	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	80.640%		
Target Compounds						Qvalue
13) Acetone	4.129	43	3515	19.881	ug/L	93
14) Carbon disulfide	4.385	76	2358	0.959	ug/L	96
22) 2-Butanone	7.171	43	821	3.556	ug/L	77
29) Cyclohexane	7.964	56	1043	0.965	ug/L #	84
35) Methylcyclohexane	9.335	83	3371	2.461	ug/L	87
42) Toluene	10.390	91	5035	1.455	ug/L	97
46) Tetrachloroethene	10.859	164	1121	1.421	ug/L	90
52) Ethylbenzene	11.731	91	2602	0.658	ug/L	97
53) m,p-Xylene	11.835	106	2569	1.611	ug/L	81
54) o-Xylene	12.170	106	2124	1.403	ug/L	73
60) Isopropylbenzene	12.463	105	980m	0.487	ug/L	
62) 1,3,5-Trimethylbenzene	12.938	105	5298	3.093	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	10681	6.321	ug/L	100

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

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