

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036035.D
 Acq On : 11 Jun 2024 15:33
 Operator : SY/MD
 Sample : P2798-05
 Misc : 6.13g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB16

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:07:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	417074	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	433274	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	223803	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	169974	22.167	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.680%		
7) Chloroethane-d5	1.529	69	147531	24.130	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	96.520%		
11) 1,1-Dichloroethene-d2	2.053	65	79092	23.170	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.680%		
21) 2-Butanone-d5	3.809	46	130110m	73.956	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	147.920%#		
24) Chloroform-d	4.246	84	325811	24.571	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	98.280%		
26) 1,2-Dichloroethane-d4	4.940	65	183607	26.410	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.640%		
32) Benzene-d6	4.957	84	643397	24.982	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.920%		
36) 1,2-Dichloropropane-d6	5.985	67	215392	26.557	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	106.240%		
41) Toluene-d8	7.239	98	546967	24.070	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.280%		
43) trans-1,3-Dichloroprop...	7.551	79	83925	25.237	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.960%		
47) 2-Hexanone-d5	8.030	63	92009	83.732	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	167.460%#		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	199134	32.857	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	131.440%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	223090	27.183	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	108.720%		
Target Compounds						Qvalue
13) Acetone	2.156	43	14425m	5.264	ug/L	
16) Methylene chloride	2.442	84	29868	3.165	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	13189	1.859	ug/L	93
19) 1,1-Dichloroethane	3.111	63	26050	1.928	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	9344712	1310.817	ug/L	98
25) Chloroform	4.272	83	8389	0.604	ug/L #	74
34) Trichloroethene	5.828	95	215788	24.846	ug/L	99
42) Toluene	7.329	91	15169	0.524	ug/L	94
46) Tetrachloroethene	7.902	164	875623	137.851	ug/L	99

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

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