

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036036.D
 Acq On : 11 Jun 2024 15:56
 Operator : SY/MD
 Sample : P2798-06
 Misc : 5.31g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB17

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 02:08:14 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	352037	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	375679	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	180248	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	146971	22.708	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.840%			
7) Chloroethane-d5	1.529	69	134863	26.133	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.520%			
11) 1,1-Dichloroethene-d2	2.053	65	69347	24.068	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.280%			
21) 2-Butanone-d5	3.809	46	91743m	61.781	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.560%			
24) Chloroform-d	4.246	84	307969	27.517	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.080%			
26) 1,2-Dichloroethane-d4	4.941	65	166543	28.381	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.520%			
32) Benzene-d6	4.957	84	601567	26.938	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.760%			
36) 1,2-Dichloropropane-d6	5.986	67	202218	28.755	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.040%			
41) Toluene-d8	7.239	98	499092	25.330	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.320%			
43) trans-1,3-Dichloroprop...	7.551	79	75555	26.203	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 104.800%			
47) 2-Hexanone-d5	8.030	63	62443	65.537	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.080%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	169829	32.317	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 129.280%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	206613	31.258	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 125.040%#			
Target Compounds						
16) Methylene chloride	2.445	84	38798	4.871	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	5812	0.971	ug/L	95
19) 1,1-Dichloroethane	3.111	63	14452	1.267	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	6338617	1053.406	ug/L	97
25) Chloroform	4.272	83	8491	0.724	ug/L	97
34) Trichloroethene	5.828	95	260412	34.581	ug/L	99
42) Toluene	7.330	91	13208	0.526	ug/L	93
46) Tetrachloroethene	7.902	164	699466	127.001	ug/L	99

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

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