

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036034.D
 Acq On : 11 Jun 2024 15:10
 Operator : SY/MD
 Sample : P2798-04
 Misc : 5.18g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB15

Manual Integrations
 APPROVED

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

Quant Time: Jun 12 02:07:38 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	243517	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	254611	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	116198	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	293974	65.662	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 262.640%#			
7) Chloroethane-d5	1.529	69	258235	72.338	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 289.360%#			
11) 1,1-Dichloroethene-d2	2.053	65	139258	69.871	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 279.480%#			
21) 2-Butanone-d5	3.812	46	173312	168.722	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 337.440%#			
24) Chloroform-d	4.243	84	582014	75.177	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 300.720%#			
26) 1,2-Dichloroethane-d4	4.937	65	314057	77.370	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 309.480%#			
32) Benzene-d6	4.953	84	1159979	76.644	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 306.560%#			
36) 1,2-Dichloropropane-d6	5.982	67	379058	79.532	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 318.120%#			
41) Toluene-d8	7.239	98	1006023	75.336	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 301.360%#			
43) trans-1,3-Dichloroprop...	7.548	79	145848	74.633	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 298.520%#			
47) 2-Hexanone-d5	8.027	63	120816	187.098	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 374.200%#			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	303767	85.291	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 341.160%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	381925	89.630	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 358.520%#			
Target Compounds						
13) Acetone	2.150	43	13864m	8.665	ug/L	
16) Methylene chloride	2.442	84	41360	7.506	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	8003	1.932	ug/L	93
19) 1,1-Dichloroethane	3.111	63	19233	2.438	ug/L	96
20) cis-1,2-Dichloroethene	3.806	96	3646619	876.094	ug/L	98
25) Chloroform	4.269	83	12987	1.600	ug/L	81
34) Trichloroethene	5.831	95	78912	15.462	ug/L	98
42) Toluene	7.326	91	21077	1.239	ug/L	100
46) Tetrachloroethene	7.902	164	253082	67.802	ug/L	98

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

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