

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036054.D
 Acq On : 13 Jun 2024 11:51
 Operator : SY/MD
 Sample : P2850-11
 Misc : 6.08g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB54

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 14 01:17:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	270575	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	286863	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	128360	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	151315	30.418	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.680%			
7) Chloroethane-d5	1.526	69	117853	29.712	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118.840%			
11) 1,1-Dichloroethene-d2	2.050	65	66043	29.822	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 119.280%#			
21) 2-Butanone-d5	3.831	46	112965m	98.976	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 197.960%#			
24) Chloroform-d	4.246	84	234570	27.269	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.080%			
26) 1,2-Dichloroethane-d4	4.937	65	142157	31.519	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 126.080%			
32) Benzene-d6	4.957	84	468027	27.447	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.800%			
36) 1,2-Dichloropropane-d6	5.986	67	151287	28.174	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.680%			
41) Toluene-d8	7.239	98	372759	24.776	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.120%			
43) trans-1,3-Dichloroprop...	7.555	79	53495	24.297	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.200%			
47) 2-Hexanone-d5	8.030	63	73450	100.958	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 201.920%#			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	155518	38.757	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 155.040%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	144070	30.607	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 122.440%#			
Target Compounds						
5) Vinyl chloride	1.275	62	6446	1.094	ug/L #	63
16) Methylene chloride	2.442	84	54707	8.935	ug/L	99
19) 1,1-Dichloroethane	3.111	63	3723	0.425	ug/L #	95
20) cis-1,2-Dichloroethene	3.806	96	1365479	295.248	ug/L	98
34) Trichloroethene	5.831	95	51196	8.903	ug/L	98
46) Tetrachloroethene	7.902	164	777452	184.866	ug/L	99

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

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