

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036059.D
 Acq On : 13 Jun 2024 13:45
 Operator : SY/MD
 Sample : P2798-07RE
 Misc : 5.54g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB58RE

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 01:18:27 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	240486	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	228078	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	89454	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	105929	23.959	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.840%			
7) Chloroethane-d5	1.529	69	92388	26.206	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.840%			
11) 1,1-Dichloroethene-d2	2.056	65	50026	25.416	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 101.680%			
21) 2-Butanone-d5	3.822	46	25752m	25.386	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 50.780%			
24) Chloroform-d	4.249	84	184355	24.113	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.440%			
26) 1,2-Dichloroethane-d4	4.940	65	77578	19.353	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 77.400%			
32) Benzene-d6	4.957	84	347368	25.622	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 102.480%			
36) 1,2-Dichloropropane-d6	5.989	67	106835	25.023	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.080%			
41) Toluene-d8	7.243	98	268118	22.414	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.640%			
43) trans-1,3-Dichloroprop...	7.561	79	25462	14.545	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery = 58.200%			
47) 2-Hexanone-d5	8.034	63	13848	23.940	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 47.880%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	68233	21.387	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.560%			
66) 1,2-Dichlorobenzene-d4	11.558	152	82266	25.078	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.320%			
Target Compounds						Qvalue
16) Methylene chloride	2.445	84	22069	4.056	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	5230	1.272	ug/L	87
46) Tetrachloroethene	7.905	164	4973	1.487	ug/L	87

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

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