

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036155.D
 Acq On : 20 Jun 2024 11:29
 Operator : SY/MD
 Sample : P2798-12
 Misc : 5.01g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
 Supervised By :Semsettin Yesilyurt 06/22/2024

Quant Time: Jun 21 01:47:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	284993	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	297307	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	124913	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	114054	21.768	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.080%		
7) Chloroethane-d5	1.526	69	99297	23.767	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.080%		
11) 1,1-Dichloroethene-d2	2.050	65	55749	23.901	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	95.600%		
21) 2-Butanone-d5	3.834	46	62365m	51.878	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.760%		
24) Chloroform-d	4.243	84	218548	24.121	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.480%		
26) 1,2-Dichloroethane-d4	4.940	65	125489	26.416	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.680%		
32) Benzene-d6	4.957	84	406549	23.004	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.000%		
36) 1,2-Dichloropropane-d6	5.985	67	139152	25.003	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.000%		
41) Toluene-d8	7.243	98	327204	20.984	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.920%		
43) trans-1,3-Dichloroprop...	7.555	79	52163	22.859	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.440%		
47) 2-Hexanone-d5	8.030	63	36115	47.897	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.800%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	117058	28.147	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.600%		
66) 1,2-Dichlorobenzene-d4	11.558	152	122660	26.778	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.120%		
Target Compounds					Qvalue	
13) Acetone	2.153	43	13114m	7.003	ug/L	
16) Methylene chloride	2.442	84	16483	2.556	ug/L	98

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

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