

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070324\
 Data File : VV036449.D
 Acq On : 03 Jul 2024 17:12
 Operator : SY/MD
 Sample : P3100-18RE
 Misc : 5.22g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D13RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/08/2024
 Supervised By :Semsettin Yesilyurt 07/08/2024

Quant Time: Jul 04 02:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 04 02:05:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	371745	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	241260	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47952	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	153820	24.364	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.440%		
7) Chloroethane-d5	1.526	69	132602	26.296	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.200%		
11) 1,1-Dichloroethene-d2	2.053	65	65221	21.975	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.920%		
21) 2-Butanone-d5	3.818	46	26250m	17.915	ug/L	-0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	35.820%		
24) Chloroform-d	4.246	84	239953	21.867	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.480%		
26) 1,2-Dichloroethane-d4	4.941	65	111981	19.136	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.560%		
32) Benzene-d6	4.957	84	443609	32.572	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	130.280%		
36) 1,2-Dichloropropane-d6	5.986	67	132642	32.379	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	129.520%#		
41) Toluene-d8	7.243	98	307568	25.047	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	100.200%		
43) trans-1,3-Dichloroprop...	7.558	79	30882	16.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	67.520%		
47) 2-Hexanone-d5	8.037	63	8392	12.834	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	25.660%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	58281	17.356	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.440%		
66) 1,2-Dichlorobenzene-d4	11.561	152	36341	20.797	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	83.200%		
Target Compounds						Qvalue
16) Methylene chloride	2.446	84	33619	4.594	ug/L	98

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

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