

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036163.D
 Acq On : 20 Jun 2024 15:06
 Operator : SY/MD
 Sample : P2909-23
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4DE5

Manual Integrations
 APPROVED

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

Quant Time: Jun 21 01:48:20 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	304915	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	324344	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	136069	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	145546	25.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.840%			
7) Chloroethane-d5	1.529	69	118533	26.518	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.080%			
11) 1,1-Dichloroethene-d2	2.050	65	65458	26.229	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.920%			
21) 2-Butanone-d5	3.844	46	42574m	33.101	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.200%			
24) Chloroform-d	4.246	84	244151	25.186	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.760%			
26) 1,2-Dichloroethane-d4	4.937	65	128261	25.235	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.960%			
32) Benzene-d6	4.957	84	462452	23.986	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.960%			
36) 1,2-Dichloropropane-d6	5.986	67	148968	24.536	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 98.160%			
41) Toluene-d8	7.243	98	381441	22.423	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.680%			
43) trans-1,3-Dichloroprop...	7.555	79	52912	21.255	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.000%			
47) 2-Hexanone-d5	8.034	63	25366	30.837	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.680%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	100300	22.107	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.440%			
66) 1,2-Dichlorobenzene-d4	11.558	152	134976	27.050	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.200%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	37483	5.433	ug/L	99

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

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