

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052524\
 Data File : VV035811.D
 Acq On : 25 May 2024 21:03
 Operator : SY/MD
 Sample : P2586-02
 Misc : 5.34g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D15

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 27 05:31:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	269207	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	141209	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	25302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	145673	35.010	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 140.040%			
7) Chloroethane-d5	1.526	69	123607	36.823	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 147.280%			
11) 1,1-Dichloroethene-d2	2.050	65	59168	32.120	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 128.480%#			
21) 2-Butanone-d5	3.854	46	38093	32.259	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.520%			
24) Chloroform-d	4.246	84	244361	30.532	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 122.120%			
26) 1,2-Dichloroethane-d4	4.940	65	112268	28.375	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.520%			
32) Benzene-d6	4.956	84	395977	51.228	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 204.920%#			
36) 1,2-Dichloropropane-d6	5.985	67	151272	63.415	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 253.640%#			
41) Toluene-d8	7.243	98	220879	32.107	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 128.440%			
43) trans-1,3-Dichloroprop...	7.571	79	13866	13.592	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery = 54.360%			
47) 2-Hexanone-d5	8.062	63	4732m	11.032	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 22.060%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	90327	39.296	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 157.200%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	23058	26.259	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.040%			
Target Compounds						Qvalue
14) Carbon disulfide	2.233	76	9278	0.694	ug/L	98

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

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