

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062724\
 Data File : VV036325.D
 Acq On : 27 Jun 2024 23:06
 Operator : SY/MD
 Sample : P3035-24
 Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4CC9

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024
 Supervised By :Semsettin Yesilyurt 07/03/2024

Quant Time: Jun 28 05:07:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 28 04:20:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	410156	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320049	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	83288	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	169347	24.311	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.240%			
7) Chloroethane-d5	1.526	69	155804	28.003	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.000%			
11) 1,1-Dichloroethene-d2	2.050	65	77473	23.659	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.640%			
21) 2-Butanone-d5	3.857	46	29823m	18.447	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 36.900%			
24) Chloroform-d	4.243	84	337001	27.836	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 111.360%			
26) 1,2-Dichloroethane-d4	4.937	65	180556	27.965	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 111.880%			
32) Benzene-d6	4.953	84	663541	36.727	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 146.920%#			
36) 1,2-Dichloropropane-d6	5.982	67	207836	38.245	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 152.960%#			
41) Toluene-d8	7.240	98	545674	33.498	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 134.000%#			
43) trans-1,3-Dichloroprop...	7.555	79	61194	25.217	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.880%			
47) 2-Hexanone-d5	8.034	63	18702	21.560	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 43.120%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	120644	27.083	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.320%			
66) 1,2-Dichlorobenzene-d4	11.558	152	104723	34.504	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 138.000%#			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	53101	6.576	ug/L	96

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

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