

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035750.D
 Acq On : 24 May 2024 16:32
 Operator : SY/MD
 Sample : P2577-06
 Misc : 6.17g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBN4

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:48:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	406479	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	380849	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	127331	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	160273	25.511	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.040%			
7) Chloroethane-d5	1.529	69	126928	25.043	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.160%			
11) 1,1-Dichloroethene-d2	2.053	65	67219	24.167	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.680%			
21) 2-Butanone-d5	3.844	46	48841	27.393	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 54.780%			
24) Chloroform-d	4.246	84	261693	21.655	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.640%			
26) 1,2-Dichloroethane-d4	4.940	65	145579	24.368	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.480%			
32) Benzene-d6	4.956	84	495258	23.756	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.040%			
36) 1,2-Dichloropropane-d6	5.985	67	164187	25.520	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.080%			
41) Toluene-d8	7.243	98	390417	21.042	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.160%			
43) trans-1,3-Dichloroprop...	7.558	79	56684	20.601	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.400%			
47) 2-Hexanone-d5	8.034	63	35080	30.323	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 60.640%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	127464	20.560	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.240%			
66) 1,2-Dichlorobenzene-d4	11.561	152	105297	23.828	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.320%			
Target Compounds					Qvalue	
13) Acetone	2.156	43	19085m	7.312	ug/L	
16) Methylene chloride	2.442	84	23748	2.534	ug/L	94

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

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