

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
 Data File : VV035702.D
 Acq On : 23 May 2024 14:32
 Operator : SY/MD
 Sample : P2568-17
 Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH637

Quant Time: May 24 01:48:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 01:44:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142141	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	144348	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	57281	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	65709	29.909	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 119.640%			
7) Chloroethane-d5	1.526	69	61547	34.726	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 138.920%			
11) 1,1-Dichloroethene-d2	2.050	65	30019	30.864	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 123.440%#			
21) 2-Butanone-d5	3.850	46	36490m	58.526	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.060%			
24) Chloroform-d	4.246	84	162596	38.477	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 153.920%#			
26) 1,2-Dichloroethane-d4	4.940	65	102708	49.165	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 196.640%#			
32) Benzene-d6	4.956	84	254945	32.265	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 129.080%			
36) 1,2-Dichloropropane-d6	5.989	67	104773	42.967	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 171.880%#			
41) Toluene-d8	7.243	98	185032	26.311	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.240%			
43) trans-1,3-Dichloroprop...	7.561	79	24313	23.313	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.240%			
47) 2-Hexanone-d5	8.046	63	11291m	25.750	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.500%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114145	48.578	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 194.320%#			
66) 1,2-Dichlorobenzene-d4	11.561	152	69124	34.772	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 139.080%#			
Target Compounds					Qvalue	
13) Acetone	2.153	43	35861m	39.292	ug/L	
15) Methyl Acetate	2.391	43	7671m	5.548	ug/L	
16) Methylene chloride	2.442	84	58127	17.734	ug/L	99

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

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