

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052324\
 Data File : VW035703.D
 Acq On : 23 May 2024 14:56
 Operator : SY/MD
 Sample : P2568-18
 Misc : 5.62g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH638

Quant Time: May 24 01:48:45 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	5.532	114	372710	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	366527	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	130225	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	130076	22.580	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.320%			
7) Chloroethane-d5	1.526	69	124473	26.784	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.120%			
11) 1,1-Dichloroethene-d2	2.050	65	60013	23.531	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 94.120%			
21) 2-Butanone-d5	3.841	46	72709m	44.475	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.940%			
24) Chloroform-d	4.243	84	333915	30.135	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 120.560%			
26) 1,2-Dichloroethane-d4	4.937	65	190122	34.708	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 138.840%#			
32) Benzene-d6	4.957	84	564894	28.155	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 112.640%			
36) 1,2-Dichloropropane-d6	5.986	67	212362	34.298	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 137.200%#			
41) Toluene-d8	7.243	98	431141	24.145	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.560%			
43) trans-1,3-Dichloroprop...	7.555	79	56875	21.478	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.920%			
47) 2-Hexanone-d5	8.037	63	32430m	29.128	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.260%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	191127	32.034	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 128.120%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	150802	33.368	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 133.480%#			
Target Compounds						Qvalue
13) Acetone	2.156	43	10446	4.365	ug/L	87
16) Methylene chloride	2.442	84	65771	7.653	ug/L	96

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

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