

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
 Data File : VV035739.D
 Acq On : 24 May 2024 12:23
 Operator : SY/MD
 Sample : P2566-21
 Misc : 5.93g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHHW3

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:45:45 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	502654	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	522370	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	233719	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	176278	22.690	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.760%		
7) Chloroethane-d5	1.526	69	135641	21.642	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.560%		
11) 1,1-Dichloroethene-d2	2.050	65	75409	21.924	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	87.680%		
21) 2-Butanone-d5	3.854	46	69930m	31.717	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.440%		
24) Chloroform-d	4.246	84	287953	19.269	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.080%		
26) 1,2-Dichloroethane-d4	4.941	65	160867	21.775	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	87.120%		
32) Benzene-d6	4.957	84	565946	19.792	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	79.160%		
36) 1,2-Dichloropropane-d6	5.985	67	180126	20.412	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	81.640%		
41) Toluene-d8	7.243	98	476587	18.727	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.920%		
43) trans-1,3-Dichloroprop...	7.555	79	72186	19.127	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.520%		
47) 2-Hexanone-d5	8.034	63	44301	27.919	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	55.840%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	144026	16.938	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	67.760%		
66) 1,2-Dichlorobenzene-d4	11.558	152	176028	21.702	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.800%		
Target Compounds					Qvalue	
13) Acetone	2.169	43	16764m	5.194	ug/L	

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

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