

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052324\
 Data File : VW035698.D
 Acq On : 23 May 2024 13:01
 Operator : SY/MD
 Sample : P2568-08
 Misc : 5.14g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5R4

Manual Integrations
 APPROVED

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

Quant Time: May 24 01:47:39 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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	358341	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	282229	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	76549	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	72788	13.142	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.560%		
7) Chloroethane-d5	1.529	69	75242	16.840	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.360%		
11) 1,1-Dichloroethene-d2	2.053	65	31686	12.922	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	51.680%		
21) 2-Butanone-d5	3.863	46	28202m	17.942	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	35.880%		
24) Chloroform-d	4.246	84	203758	19.126	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.520%		
26) 1,2-Dichloroethane-d4	4.944	65	109041	20.704	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.800%		
32) Benzene-d6	4.960	84	303092	19.619	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	78.480%		
36) 1,2-Dichloropropane-d6	5.989	67	125898	26.406	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.640%		
41) Toluene-d8	7.243	98	188222	13.689	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	54.760%		
43) trans-1,3-Dichloroprop...	7.564	79	18508	9.077	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	36.320%		
47) 2-Hexanone-d5	8.050	63	8134m	9.488	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	18.980%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	103967	22.630	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.520%		
66) 1,2-Dichlorobenzene-d4	11.561	152	38750	14.586	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	58.360%#		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	56124	6.792	ug/L	95

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

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