

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060624\
 Data File : VW035988.D
 Acq On : 06 Jun 2024 15:28
 Operator : SY/MD
 Sample : P2693-04
 Misc : 5.58g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHHW4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024

Quant Time: Jun 07 02:20:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	407473	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	359205	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	122939	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	103697	13.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	55.360%		
7) Chloroethane-d5	1.529	69	94181	15.767	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.080%		
11) 1,1-Dichloroethene-d2	2.053	65	46932	14.073	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	56.280%		
21) 2-Butanone-d5	3.818	46	25982	15.116	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	30.240%		
24) Chloroform-d	4.246	84	200932	15.511	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	62.040%		
26) 1,2-Dichloroethane-d4	4.941	65	87975	12.953	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	51.800%#		
32) Benzene-d6	4.957	84	372974	17.468	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	69.880%		
36) 1,2-Dichloropropane-d6	5.989	67	122069	18.154	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	72.600%		
41) Toluene-d8	7.243	98	282229	14.981	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	59.920%		
43) trans-1,3-Dichloroprop...	7.558	79	34679	12.579	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	50.320%		
47) 2-Hexanone-d5	8.037	63	14643	16.073	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	32.140%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	72969	14.522	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	58.080%		
66) 1,2-Dichlorobenzene-d4	11.558	152	77874	17.273	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	69.080%#		
Target Compounds					Qvalue	
13) Acetone	2.111	43	16357m	6.109	ug/L	
16) Methylene chloride	2.445	84	66119	7.171	ug/L	97

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

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