

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071624\
 Data File : VW036568.D
 Acq On : 16 Jul 2024 15:36
 Operator : SY/MD
 Sample : P3238-10
 Misc : 5.51g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BF6

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/17/2024
 Supervised By :Mahesh Dadoda 07/19/2024

Quant Time: Jul 17 02:28:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	395112	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	318507	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	88051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	112202	19.821	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.280%		
7) Chloroethane-d5	1.526	69	106963	21.612	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.440%		
11) 1,1-Dichloroethene-d2	2.050	65	51455	17.702	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.800%		
21) 2-Butanone-d5	3.860	46	6147m	6.345	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	12.680%#		
24) Chloroform-d	4.243	84	217930	18.949	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.800%		
26) 1,2-Dichloroethane-d4	4.937	65	111664	19.576	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.320%		
32) Benzene-d6	4.953	84	361142	22.728	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.920%		
36) 1,2-Dichloropropane-d6	5.985	67	121481	25.653	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.600%		
41) Toluene-d8	7.243	98	258673	17.643	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	70.560%		
43) trans-1,3-Dichloroprop...	7.564	79	13513	6.863	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery =	27.440%#		
47) 2-Hexanone-d5	8.056	63	1411m	2.683	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	5.360%#		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	78306	19.634	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	78.520%		
66) 1,2-Dichlorobenzene-d4	11.561	152	58316	19.516	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.080%		
Target Compounds					Qvalue	
13) Acetone	2.134	43	6185	4.515	ug/L	87
16) Methylene chloride	2.439	84	41501	5.109	ug/L	97

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

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