

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035736.D
 Acq On : 24 May 2024 11:14
 Operator : SY/MD
 Sample : P2570-09
 Misc : 6.43g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH6B8

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:44:57 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	443826	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	364375	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112986	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	104592	15.247	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	61.000%		
7) Chloroethane-d5	1.529	69	97016	17.531	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	70.120%		
11) 1,1-Dichloroethene-d2	2.053	65	46996	15.475	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.880%		
21) 2-Butanone-d5	3.860	46	47452m	24.375	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	48.740%		
24) Chloroform-d	4.246	84	218048	16.525	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	66.120%		
26) 1,2-Dichloroethane-d4	4.941	65	119223	18.277	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	73.120%		
32) Benzene-d6	4.957	84	384650	19.285	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	77.120%		
36) 1,2-Dichloropropane-d6	5.989	67	134444	21.842	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	87.360%		
41) Toluene-d8	7.243	98	279836	15.764	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	63.040%		
43) trans-1,3-Dichloroprop...	7.558	79	35171	13.360	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	53.440%		
47) 2-Hexanone-d5	8.040	63	22456	20.288	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	40.580%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	96060	16.195	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	64.800%		
66) 1,2-Dichlorobenzene-d4	11.561	152	51813	13.214	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	52.840%#		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	79097	7.728	ug/L	93

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

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