

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061124\
 Data File : VW036037.D
 Acq On : 11 Jun 2024 16:19
 Operator : SY/MD
 Sample : P2798-07
 Misc : 5.40g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB58

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:08:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 02:05:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	410635	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	427725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	206739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	135046	17.888	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.560%		
7) Chloroethane-d5	1.529	69	120322	19.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.960%		
11) 1,1-Dichloroethene-d2	2.053	65	63375	18.857	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	75.440%		
21) 2-Butanone-d5	3.844	46	92858m	53.609	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.220%		
24) Chloroform-d	4.246	84	280827	21.511	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.040%		
26) 1,2-Dichloroethane-d4	4.941	65	161484	23.592	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.360%		
32) Benzene-d6	4.957	84	531315	20.897	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.600%		
36) 1,2-Dichloropropane-d6	5.986	67	180643	22.562	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.240%		
41) Toluene-d8	7.239	98	433560	19.327	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.320%		
43) trans-1,3-Dichloroprop...	7.555	79	70608	21.508	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.040%		
47) 2-Hexanone-d5	8.030	63	60908	56.148	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.300%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	176742	29.540	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	118.160%		
66) 1,2-Dichlorobenzene-d4	11.558	152	189795	25.034	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.120%		
Target Compounds						
16) Methylene chloride	2.442	84	34235	3.684	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	35804	5.101	ug/L	98
46) Tetrachloroethene	7.908	164	6508	1.038	ug/L	97

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

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