

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061424\
 Data File : VW036086.D
 Acq On : 14 Jun 2024 11:56
 Operator : SY/MD
 Sample : P2850-07
 Misc : 4.94g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB08

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/18/2024
 Supervised By :Semsettin Yesilyurt 06/18/2024

Quant Time: Jun 15 01:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 15 01:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	386807	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	405852	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	182080	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	164196	23.089	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.360%		
7) Chloroethane-d5	1.526	69	127754	22.530	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.120%		
11) 1,1-Dichloroethene-d2	2.050	65	71263	22.510	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.040%		
21) 2-Butanone-d5	3.838	46	91897m	56.322	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.640%		
24) Chloroform-d	4.243	84	266280	21.653	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	86.600%		
26) 1,2-Dichloroethane-d4	4.940	65	157841	24.481	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	97.920%		
32) Benzene-d6	4.953	84	526061	21.806	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.240%		
36) 1,2-Dichloropropane-d6	5.985	67	175073	23.044	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.160%		
41) Toluene-d8	7.239	98	436762	20.519	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.080%		
43) trans-1,3-Dichloroprop...	7.554	79	69261	22.235	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.920%		
47) 2-Hexanone-d5	8.030	63	57396	55.762	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	111.520%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	157734	27.784	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.120%		
66) 1,2-Dichlorobenzene-d4	11.558	152	161776	24.229	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.920%		
Target Compounds						
5) Vinyl chloride	1.275	62	406654	48.259	ug/L	100
16) Methylene chloride	2.442	84	20941	2.393	ug/L	92
20) cis-1,2-Dichloroethene	3.805	96	554035	83.798	ug/L	99
34) Trichloroethene	5.831	95	66280	8.147	ug/L	99
46) Tetrachloroethene	7.905	164	32574	5.475	ug/L	97

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

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