

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036061.D
 Acq On : 13 Jun 2024 14:31
 Operator : SY/MD
 Sample : P2850-06
 Misc : 5.31g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB07

Quant Time: Jun 14 01:19:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	367570	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	373279	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	151817	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	203704	30.144	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.560%	
7) Chloroethane-d5	1.526	69	151536	28.123	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.480%	
11) 1,1-Dichloroethene-d2	2.053	65	83321	27.696	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.800%#	
21) 2-Butanone-d5	3.825	46	65151	42.020	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 84.040%	
24) Chloroform-d	4.243	84	294624	25.212	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 100.840%	
26) 1,2-Dichloroethane-d4	4.937	65	158416	25.856	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 103.440%	
32) Benzene-d6	4.953	84	574790	25.905	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.600%	
36) 1,2-Dichloropropane-d6	5.985	67	186346	26.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 106.680%	
41) Toluene-d8	7.239	98	477635	24.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 97.600%	
43) trans-1,3-Dichloroprop...	7.554	79	66469	23.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.800%	
47) 2-Hexanone-d5	8.030	63	47537	50.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.420%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	151178	28.953	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.800%	
66) 1,2-Dichlorobenzene-d4	11.558	152	157447	28.281	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 113.120%	
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	753276	94.073	ug/L	100
8) Chloroethane	1.545	64	2966	0.596	ug/L	97
13) Acetone	2.146	43	32591	13.494	ug/L #	53
14) Carbon disulfide	2.233	76	15554	0.761	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	4826	0.768	ug/L	94
42) Toluene	7.320	91	48904	1.960	ug/L	99

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

