

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061224\
 Data File : VW036044.D
 Acq On : 12 Jun 2024 18:33
 Operator : SY/MD
 Sample : P2850-05
 Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB06

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2024
 Supervised By :Mahesh Dadoda 06/14/2024

Quant Time: Jun 13 02:11:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 13 02:10:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	342145	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	348811	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	155380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	197616	31.416	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 125.680%	
7) Chloroethane-d5	1.529	69	148478	29.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.400%	
11) 1,1-Dichloroethene-d2	2.053	65	82994	29.637	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 118.560%#	
21) 2-Butanone-d5	3.834	46	73274	50.771	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.540%	
24) Chloroform-d	4.246	84	300699	27.644	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 110.560%	
26) 1,2-Dichloroethane-d4	4.941	65	169235	29.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 118.680%	
32) Benzene-d6	4.957	84	582662	28.102	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 112.400%	
36) 1,2-Dichloropropane-d6	5.985	67	190308	29.146	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 116.600%	
41) Toluene-d8	7.239	98	480228	26.250	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 105.000%	
43) trans-1,3-Dichloroprop...	7.555	79	73743	27.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 110.160%	
47) 2-Hexanone-d5	8.030	63	57446	64.937	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 129.880%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	168118	34.456	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 137.840%#	
66) 1,2-Dichlorobenzene-d4	11.558	152	172747	30.317	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 121.280%#	
Target Compounds						
5) Vinyl chloride	1.278	62	401222	53.830	ug/L	100
13) Acetone	2.159	43	70632m	31.418	ug/L	
16) Methylene chloride	2.445	84	57043	7.368	ug/L	96
17) trans-1,2-Dichloroethene	2.696	96	3230	0.555	ug/L	78
20) cis-1,2-Dichloroethene	3.812	96	274572	46.950	ug/L	100
34) Trichloroethene	5.838	95	6426	0.919	ug/L	96
42) Toluene	7.326	91	17805	0.764	ug/L	96

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

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