

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036198.D
 Acq On : 21 Jun 2024 11:50
 Operator : SY/MD
 Sample : P2960-12
 Misc : 5.34g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB05

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 21 12:17:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	330332	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	349920	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	175010	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	160042	26.352	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.400%			
7) Chloroethane-d5	1.526	69	134966	27.871	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.480%			
11) 1,1-Dichloroethene-d2	2.050	65	73909	27.337	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 109.360%			
21) 2-Butanone-d5	3.815	46	81243m	58.305	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 116.620%			
24) Chloroform-d	4.240	84	290839	27.694	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.760%			
26) 1,2-Dichloroethane-d4	4.934	65	161872	29.398	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.600%			
32) Benzene-d6	4.950	84	596435	28.675	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.680%			
36) 1,2-Dichloropropane-d6	5.982	67	183004	27.939	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.760%			
41) Toluene-d8	7.239	98	513841	27.998	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 112.000%			
43) trans-1,3-Dichloroprop...	7.551	79	75106	27.965	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 111.840%			
47) 2-Hexanone-d5	8.030	63	53488	60.271	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.540%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	145446	29.715	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.840%			
66) 1,2-Dichlorobenzene-d4	11.558	152	192334	29.969	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 119.880%			
Target Compounds						
16) Methylene chloride	2.439	84	67430	9.021	ug/L	97
20) cis-1,2-Dichloroethene	3.802	96	774387	137.150	ug/L	99
25) Chloroform	4.272	83	7019	0.638	ug/L #	65
34) Trichloroethene	5.831	95	27772	3.959	ug/L	99
46) Tetrachloroethene	7.902	164	338916	66.066	ug/L	98

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

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