

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036053.D
 Acq On : 13 Jun 2024 11:28
 Operator : SY/MD
 Sample : P2850-10
 Misc : 5.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB11

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

Quant Time: Jun 14 01:16:53 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	411029	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	439895	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	208201	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	194976	25.802	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.200%			
7) Chloroethane-d5	1.526	69	157045	26.063	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.240%			
11) 1,1-Dichloroethene-d2	2.050	65	84835	25.218	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.880%			
21) 2-Butanone-d5	3.854	46	103429m	59.655	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.300%			
24) Chloroform-d	4.243	84	331739	25.387	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.560%			
26) 1,2-Dichloroethane-d4	4.937	65	192623	28.115	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.440%			
32) Benzene-d6	4.953	84	654229	25.020	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.080%			
36) 1,2-Dichloropropane-d6	5.985	67	214243	26.018	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.080%			
41) Toluene-d8	7.239	98	537118	23.280	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.120%			
43) trans-1,3-Dichloroprop...	7.555	79	74357	22.023	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.080%			
47) 2-Hexanone-d5	8.030	63	70348	63.056	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.120%			
56) 1,1,2,2-Tetrachloroeth...	10.149	84	188123	30.573	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 122.280%#			
66) 1,2-Dichlorobenzene-d4	11.558	152	212272	27.803	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 111.200%			
Target Compounds						
16) Methylene chloride	2.442	84	73796	7.934	ug/L	97
20) cis-1,2-Dichloroethene	3.805	96	1709525	243.328	ug/L	98
34) Trichloroethene	5.834	95	36386	4.126	ug/L	96
46) Tetrachloroethene	7.902	164	322196	49.961	ug/L	99

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

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