

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036056.D
 Acq On : 13 Jun 2024 12:37
 Operator : SY/MD
 Sample : P2850-13
 Misc : 5.33g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB56

Manual Integrations
 APPROVED

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

Quant Time: Jun 14 01:17:41 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	442781	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	472801	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	210257	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	191394	23.511	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.040%		
7) Chloroethane-d5	1.529	69	152893	23.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.200%		
11) 1,1-Dichloroethene-d2	2.053	65	82166	22.673	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.680%		
21) 2-Butanone-d5	3.841	46	93023m	49.805	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.620%		
24) Chloroform-d	4.243	84	323485	22.980	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.920%		
26) 1,2-Dichloroethane-d4	4.937	65	190880	25.862	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	103.440%		
32) Benzene-d6	4.953	84	634262	22.568	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	90.280%		
36) 1,2-Dichloropropane-d6	5.985	67	214558	24.243	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.960%		
41) Toluene-d8	7.239	98	520186	20.977	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.920%		
43) trans-1,3-Dichloroprop...	7.555	79	75739	20.871	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.480%		
47) 2-Hexanone-d5	8.030	63	67407	56.215	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	112.420%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	186973	28.271	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	113.080%		
66) 1,2-Dichlorobenzene-d4	11.558	152	206865	26.829	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	107.320%		
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	77350	7.720	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	32279	4.265	ug/L	97
46) Tetrachloroethene	7.905	164	27094	3.909	ug/L	98

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

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