

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035911.D
 Acq On : 30 May 2024 21:20
 Operator : SY/MD
 Sample : P2659-12
 Misc : 4.13g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHC33

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2024
 Supervised By :Semsettin Yesilyurt 06/03/2024

Quant Time: May 31 00:56:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 00:49:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	37446	25.000	ug/L	0.01
28) Chlorobenzene-d5	8.789	117	42531	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	18211	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	10234	14.865	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	59.480%		
7) Chloroethane-d5	1.532	69	11258	20.509	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.040%		
11) 1,1-Dichloroethene-d2	2.053	65	5103	16.650	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.600%		
21) 2-Butanone-d5	3.863	46	8206m	51.952	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.900%		
24) Chloroform-d	4.256	84	28384	23.842	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.360%		
26) 1,2-Dichloroethane-d4	4.953	65	16723	26.792	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	107.160%		
32) Benzene-d6	4.966	84	41896	16.572	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	66.280%		
36) 1,2-Dichloropropane-d6	5.995	67	18002	22.612	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	90.440%		
41) Toluene-d8	7.252	98	30717	13.770	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery =	55.080%		
43) trans-1,3-Dichloroprop...	7.580	79	4928	15.096	ug/L	0.03
Spiked Amount 25.000	Range 30 - 135		Recovery =	60.400%		
47) 2-Hexanone-d5	8.072	63	2109m	19.552	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery =	39.100%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16736	28.131	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.520%		
66) 1,2-Dichlorobenzene-d4	11.564	152	13310	19.931	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.720%		
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	5686	6.711	ug/L	97

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

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