

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035924.D
 Acq On : 31 May 2024 13:05
 Operator : SY/MD
 Sample : P2659-21
 Misc : 6.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHC42

Manual Integrations
 APPROVED

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

Quant Time: May 31 23:02:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 31 22:59:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	86780	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74216	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	23358	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32630	20.452	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.800%		
7) Chloroethane-d5	1.532	69	30017	23.595	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.400%		
11) 1,1-Dichloroethene-d2	2.056	65	15212	21.418	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	85.680%		
21) 2-Butanone-d5	3.844	46	18675m	51.017	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.040%		
24) Chloroform-d	4.252	84	65975	23.913	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.640%		
26) 1,2-Dichloroethane-d4	4.947	65	39655	27.414	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery =	109.640%		
32) Benzene-d6	4.963	84	108685	24.636	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.560%		
36) 1,2-Dichloropropane-d6	5.992	67	41861	30.132	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	120.520%#		
41) Toluene-d8	7.246	98	72822	18.708	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.840%		
43) trans-1,3-Dichloroprop...	7.567	79	12739	22.364	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.440%		
47) 2-Hexanone-d5	8.050	63	5580m	29.645	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.300%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	34139	32.885	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	131.520%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	23554	27.498	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	110.000%		
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	6200	3.157	ug/L	94

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

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