

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053024\
 Data File : VV035905.D
 Acq On : 30 May 2024 19:03
 Operator : SY/MD
 Sample : P2659-06
 Misc : 6.20g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHC27

Quant Time: May 31 00:54:35 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	5.532	114	556269	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	571086	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	244589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	145565	14.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.920%
7) Chloroethane-d5	1.529	69	124021	15.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.840%
11) 1,1-Dichloroethene-d2	2.053	65	65103	14.300	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.200%
21) 2-Butanone-d5	3.844	46	80248	34.200	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.400%
24) Chloroform-d	4.246	84	280081	15.837	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.360%
26) 1,2-Dichloroethane-d4	4.940	65	162901	17.568	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.280%
32) Benzene-d6	4.957	84	518661	15.279	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.120%
36) 1,2-Dichloropropane-d6	5.985	67	180404	16.876	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.520%#
41) Toluene-d8	7.243	98	416309	13.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.600%
43) trans-1,3-Dichloroprop...	7.554	79	66471	15.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.640%
47) 2-Hexanone-d5	8.030	63	47685	32.923	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.840%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	164123	20.545	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	159779	17.814	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.240%#
Target Compounds						
16) Methylene chloride	2.442	84	42273	3.358	ug/L	Qvalue 99

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

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