

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053124\
 Data File : VV035925.D
 Acq On : 31 May 2024 13:28
 Operator : SY/MD
 Sample : P2659-22
 Misc : 4.89g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHC43

Quant Time: May 31 23:02:43 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	5.529	114	607932	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	619639	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	254144	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	150460	13.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.840%
7) Chloroethane-d5	1.529	69	132867	14.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.640%
11) 1,1-Dichloroethene-d2	2.053	65	67245	13.515	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.040%
21) 2-Butanone-d5	3.841	46	71751	27.980	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.960%
24) Chloroform-d	4.246	84	308038	15.938	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	63.760%
26) 1,2-Dichloroethane-d4	4.937	65	177908	17.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.240%
32) Benzene-d6	4.957	84	555366	15.078	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	60.320%
36) 1,2-Dichloropropane-d6	5.986	67	200429	17.280	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.120%#
41) Toluene-d8	7.240	98	447525	13.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.080%
43) trans-1,3-Dichloroprop...	7.555	79	75301	15.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.320%
47) 2-Hexanone-d5	8.031	63	55488	35.309	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.620%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	170700	19.694	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	170238	18.266	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.080%#
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	39704	2.886	ug/L	98

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

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