

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053124\
 Data File : VW035929.D
 Acq On : 31 May 2024 14:58
 Operator : SY/MD
 Sample : P2659-07
 Misc : 5.95g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHC28

Quant Time: May 31 23:03:40 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	5.532	114	539963	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	500086	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	159882	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	153121	15.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.680%
7) Chloroethane-d5	1.529	69	134337	16.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.880%
11) 1,1-Dichloroethene-d2	2.053	65	68180	15.428	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.720%
21) 2-Butanone-d5	3.838	46	72556	31.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.720%
24) Chloroform-d	4.246	84	301141	17.542	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.160%
26) 1,2-Dichloroethane-d4	4.937	65	172751	19.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.760%
32) Benzene-d6	4.957	84	549232	18.476	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.920%
36) 1,2-Dichloropropane-d6	5.986	67	196794	21.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.080%
41) Toluene-d8	7.243	98	420450	16.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.120%
43) trans-1,3-Dichloroprop...	7.555	79	69491	18.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.400%
47) 2-Hexanone-d5	8.031	63	58026	45.751	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.500%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	172421	24.648	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	122495	20.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.560%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	46014	3.766	ug/L	100

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

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