

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW053124\
 Data File : VW035927.D
 Acq On : 31 May 2024 14:12
 Operator : SY/MD
 Sample : P2659-20
 Misc : 5.98g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHC41

Quant Time: May 31 23:03:12 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	322394	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	317163	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	118155	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	92726	15.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.560%
7) Chloroethane-d5	1.529	69	82239	17.401	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.600%
11) 1,1-Dichloroethene-d2	2.053	65	40656	15.408	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.640%
21) 2-Butanone-d5	3.838	46	35870	26.377	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	52.760%
24) Chloroform-d	4.246	84	176578	17.228	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	68.920%
26) 1,2-Dichloroethane-d4	4.941	65	98240	18.281	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.120%
32) Benzene-d6	4.957	84	309575	16.421	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	65.680%
36) 1,2-Dichloropropane-d6	5.986	67	111109	18.715	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.840%
41) Toluene-d8	7.243	98	228893	13.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.040%
43) trans-1,3-Dichloroprop...	7.558	79	34139	14.024	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.080%
47) 2-Hexanone-d5	8.034	63	22129	27.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	55.020%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	89055	20.073	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.280%
66) 1,2-Dichlorobenzene-d4	11.558	152	78649	18.152	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.600%#
Target Compounds						
16) Methylene chloride	2.446	84	26518	3.635	ug/L	Qvalue 95

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

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