

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035775.D
 Acq On : 25 May 2024 02:05
 Operator : SY/MD
 Sample : P2570-18RE
 Misc : 5.45g/10.0mL/MSVOA_V/SOIL/VIAL B
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5R2RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 25 02:50:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 25 02:41:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	92865	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	97515	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	35465	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	26452	18.429	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.720%
7) Chloroethane-d5	1.529	69	28118	24.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.120%
11) 1,1-Dichloroethene-d2	2.053	65	11931	18.776	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.120%
21) 2-Butanone-d5	3.857	46	18645m	45.773	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.540%
24) Chloroform-d	4.252	84	82509	29.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.560%
26) 1,2-Dichloroethane-d4	4.947	65	53295	39.048	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.200%#
32) Benzene-d6	4.963	84	122871	23.018	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.080%
36) 1,2-Dichloropropane-d6	5.989	67	52223	31.702	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.800%#
41) Toluene-d8	7.246	98	83553	17.587	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.360%
43) trans-1,3-Dichloroprop...	7.564	79	15760m	22.370	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.480%
47) 2-Hexanone-d5	8.046	63	7233m	24.418	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.840%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	41816	26.343	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.360%
66) 1,2-Dichlorobenzene-d4	11.564	152	30417	24.713	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.840%
Target Compounds						Qvalue
13) Acetone	2.156	43	3415	5.727	ug/L	83
16) Methylene chloride	2.445	84	19817	9.254	ug/L	99

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

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