

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052124\
 Data File : VW035653.D
 Acq On : 21 May 2024 21:01
 Operator : SY/MD
 Sample : P2547-17
 Misc : 5.49g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH5X4

Quant Time: May 22 02:39:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:35:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	212252	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	172320	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	44101	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	79512	24.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.960%
7) Chloroethane-d5	1.529	69	75845	28.658	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.640%
11) 1,1-Dichloroethene-d2	2.053	65	36016	24.798	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.200%
21) 2-Butanone-d5	3.863	46	42653m	45.814	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.620%
24) Chloroform-d	4.249	84	189320	30.002	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	120.000%
26) 1,2-Dichloroethane-d4	4.944	65	95266	30.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.160%
32) Benzene-d6	4.957	84	297963	31.588	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.360%
36) 1,2-Dichloropropane-d6	5.989	67	114117	39.202	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	156.800%#
41) Toluene-d8	7.243	98	204622	24.374	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	7.561	79	28680	23.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.160%
47) 2-Hexanone-d5	8.040	63	17632	33.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.360%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	91672	32.681	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	130.720%#
66) 1,2-Dichlorobenzene-d4	11.561	152	42823	27.980	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.920%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.445	84	74105	15.140	ug/L	96

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

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