

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052424\
 Data File : VW035755.D
 Acq On : 24 May 2024 18:26
 Operator : SY/MD
 Sample : P2577-12
 Misc : 4.62g/10.0mL/MSVOA_V/SOIL/VIAL A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHBP0

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:49:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 23:42:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	327764	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	294640	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	98464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	137028	27.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.200%
7) Chloroethane-d5	1.529	69	112901	27.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.520%
11) 1,1-Dichloroethene-d2	2.053	65	55235	24.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	98.520%
21) 2-Butanone-d5	3.850	46	64840m	45.100	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.200%
24) Chloroform-d	4.246	84	236978	24.320	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.280%
26) 1,2-Dichloroethane-d4	4.940	65	132778	27.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.240%
32) Benzene-d6	4.957	84	414427	25.695	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	5.985	67	145718	29.276	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.120%
41) Toluene-d8	7.243	98	301988	21.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.160%
43) trans-1,3-Dichloroprop...	7.558	79	41466	19.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.920%
47) 2-Hexanone-d5	8.034	63	31673	35.388	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.780%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	123074	25.661	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	83014	24.293	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
13) Acetone	2.156	43	16034m	7.619	ug/L	
16) Methylene chloride	2.445	84	22724	3.007	ug/L	99

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

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