

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061324\
 Data File : VW036068.D
 Acq On : 13 Jun 2024 17:12
 Operator : SY/MD
 Sample : P2775-17
 Misc : 5.11g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D46

Quant Time: Jun 14 01:20:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/20/2024
 Supervised By :Semsettin Yesilyurt 06/20/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	361460	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	341636	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	124902	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	107219	16.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.520%
7) Chloroethane-d5	1.526	69	108169	20.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.640%
11) 1,1-Dichloroethene-d2	2.050	65	53652	18.136	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.560%
21) 2-Butanone-d5	3.873	46	24083m	15.795	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.600%
24) Chloroform-d	4.246	84	251506	21.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	4.940	65	129337	21.466	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.880%
32) Benzene-d6	4.957	84	415582	20.464	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.840%
36) 1,2-Dichloropropane-d6	5.985	67	155003	24.238	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	7.243	98	301548	16.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.320%
43) trans-1,3-Dichloroprop...	7.558	79	35726	13.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.480%
47) 2-Hexanone-d5	8.043	63	12478	14.401	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	28.800%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	113446	23.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	102315	22.338	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.360%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	54217	6.629	ug/L	100

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

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