

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036159.D
 Acq On : 20 Jun 2024 13:14
 Operator : SY/MD
 Sample : P2909-19
 Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:47:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	417916	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	263023	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	54591	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	145459	18.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.720%
7) Chloroethane-d5	1.526	69	126117	20.586	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.360%
11) 1,1-Dichloroethene-d2	2.050	65	62782	18.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.400%
21) 2-Butanone-d5	3.825	46	23559	13.364	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	26.720%
24) Chloroform-d	4.240	84	222406	16.739	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.960%
26) 1,2-Dichloroethane-d4	4.937	65	104439	14.992	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	59.960%#
32) Benzene-d6	4.953	84	395343	25.286	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.160%
36) 1,2-Dichloropropane-d6	5.982	67	127350	25.866	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.480%
41) Toluene-d8	7.239	98	260135	18.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.440%
43) trans-1,3-Dichloroprop...	7.555	79	32541	16.119	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.480%
47) 2-Hexanone-d5	8.034	63	15639	23.444	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.880%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	52002	14.134	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	56.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	29828	14.900	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	59.600%#
Target Compounds					Qvalue	
13) Acetone	2.127	43	6452	2.350	ug/L #	38
16) Methylene chloride	2.439	84	26232	2.774	ug/L	98
71) Naphthalene	13.455	128	1538	0.435	ug/L #	76

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

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