

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036156.D
 Acq On : 20 Jun 2024 11:53
 Operator : SY/MD
 Sample : P2909-12
 Misc : 5.11g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:47:36 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	5.532	114	312031	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	152325	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29048	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	139231	24.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.080%
7) Chloroethane-d5	1.526	69	118511	25.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.640%
11) 1,1-Dichloroethene-d2	2.050	65	53717	21.034	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.120%
21) 2-Butanone-d5	3.892	46	383	0.291	ug/L	0.05
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.580%#
24) Chloroform-d	4.243	84	185351	18.684	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.720%
26) 1,2-Dichloroethane-d4	4.937	65	95181	18.300	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.200%
32) Benzene-d6	4.957	84	258398	28.538	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.160%
36) 1,2-Dichloropropane-d6	5.986	67	106201	37.245	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	149.000%#
41) Toluene-d8	7.243	98	139795	17.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	7.580	79	3403	2.911	ug/L	0.03
Spiked Amount	25.000	Range	30 - 135	Recovery	=	11.640%#
47) 2-Hexanone-d5	8.137	63	81	0.210	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.420%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	46219	21.692	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.760%
66) 1,2-Dichlorobenzene-d4	11.564	152	17242	16.186	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	64.760%#
Target Compounds						Qvalue
13) Acetone	2.127	43	16123	7.864	ug/L #	43
15) Methyl Acetate	2.391	43	1447	0.568	ug/L #	68
16) Methylene chloride	2.442	84	19210	2.721	ug/L	96
22) 2-Butanone	3.924	43	3771	2.168	ug/L #	62
25) Chloroform	4.275	83	6225	0.599	ug/L	87
71) Naphthalene	13.451	128	687	0.365	ug/L #	87

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

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