

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036168.D
 Acq On : 20 Jun 2024 17:02
 Operator : SY/MD
 Sample : P2960-08
 Misc : 4.61g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:48:53 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	228090	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	258460	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	113910	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	133982	31.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 127.800%	
7) Chloroethane-d5	1.526	69	107121	32.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 128.160%	
11) 1,1-Dichloroethene-d2	2.050	65	61951	33.185	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 132.760%#	
21) 2-Butanone-d5	3.822	46	71483	74.297	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 148.600%#	
24) Chloroform-d	4.243	84	213616	29.458	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 117.840%	
26) 1,2-Dichloroethane-d4	4.937	65	130954	34.444	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 137.760%#	
32) Benzene-d6	4.954	84	408139	26.566	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.280%	
36) 1,2-Dichloropropane-d6	5.986	67	135664	28.041	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 112.160%	
41) Toluene-d8	7.243	98	331011	24.419	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 97.680%	
43) trans-1,3-Dichloroprop...	7.555	79	53332	26.885	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.520%	
47) 2-Hexanone-d5	8.027	63	58524	89.282	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 178.560%#	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	139053	38.462	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 153.840%#	
66) 1,2-Dichlorobenzene-d4	11.558	152	129192	30.928	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 123.720%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	1694	0.433	ug/L #	23
13) Acetone	2.140	43	6615	4.414	ug/L #	29
16) Methylene chloride	2.442	84	20097	3.894	ug/L	95
20) cis-1,2-Dichloroethene	3.815	96	2302	0.590	ug/L	99
48) 2-Hexanone	8.031	43	7671	4.069	ug/L #	72
71) Naphthalene	13.445	128	9541	1.293	ug/L	98

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

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