

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036165.D
 Acq On : 20 Jun 2024 15:52
 Operator : SY/MD
 Sample : P2856-20
 Misc : 3.10g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:48:33 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	301778	25.000	ug/L	0.00
28) Chlorobenzene-d5		8.783	117	329219	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	140399	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.272	65	152062	27.408	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.640%		
7) Chloroethane-d5		1.526	69	122636	27.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 110.880%		
11) 1,1-Dichloroethene-d2		2.050	65	68136	27.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.360%#		
21) 2-Butanone-d5		3.828	46	58294	45.794	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 91.580%		
24) Chloroform-d		4.243	84	254155	26.490	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.960%		
26) 1,2-Dichloroethane-d4		4.937	65	148413	29.504	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 118.000%		
32) Benzene-d6		4.953	84	490263	25.052	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.200%		
36) 1,2-Dichloropropane-d6		5.985	67	161381	26.187	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.760%		
41) Toluene-d8		7.239	98	406782	23.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.240%		
43) trans-1,3-Dichloroprop...		7.555	79	62374	24.685	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.720%		
47) 2-Hexanone-d5		8.030	63	36599	43.834	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 87.660%		
56) 1,1,2,2-Tetrachloroeth...		10.153	84	122147	26.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 106.080%		
66) 1,2-Dichlorobenzene-d4		11.558	152	149997	29.134	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 116.520%		
Target Compounds							
13) Acetone		2.143	43	9039	4.558	ug/L #	50
16) Methylene chloride		2.442	84	30255	4.431	ug/L	96
25) Chloroform		4.272	83	6127	0.609	ug/L	88
48) 2-Hexanone		8.030	43	5534	2.304	ug/L #	75

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

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