

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036152.D
 Acq On : 20 Jun 2024 09:39
 Operator : SY/MD
 Sample : VV0620SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:47:11 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	278327	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	288347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	116016	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	119081	23.271	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.080%
7) Chloroethane-d5	1.526	69	100337	24.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.360%
11) 1,1-Dichloroethene-d2	2.050	65	56689	24.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.560%
21) 2-Butanone-d5	3.838	46	34293	29.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.420%
24) Chloroform-d	4.243	84	218289	24.669	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.680%
26) 1,2-Dichloroethane-d4	4.937	65	121083	26.099	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	4.953	84	407987	23.803	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	5.985	67	136513	25.291	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.160%
41) Toluene-d8	7.239	98	327618	21.663	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.640%
43) trans-1,3-Dichloroprop...	7.555	79	49263	22.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.040%
47) 2-Hexanone-d5	8.030	63	31490	43.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.120%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	108516	26.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	112598	26.466	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.880%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2432	0.509	ug/L #	53
48) 2-Hexanone	8.034	43	4395	2.090	ug/L #	73
70) 1,2,4-trichlorobenzene	13.204	180	2048	0.445	ug/L	97
71) Naphthalene	13.445	128	8480	1.129	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	2000	0.476	ug/L	99

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

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