

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036169.D
 Acq On : 20 Jun 2024 17:25
 Operator : SY/MD
 Sample : P2960-07
 Misc : 3.88g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:48:58 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	398868	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	391528	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	183834	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	185403	25.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.120%	
7) Chloroethane-d5	1.526	69	152898	26.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.600%	
11) 1,1-Dichloroethene-d2	2.047	65	84435	25.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.440%	
21) 2-Butanone-d5	3.822	46	87120	51.780	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 103.560%	
24) Chloroform-d	4.243	84	301210	23.753	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 95.000%	
26) 1,2-Dichloroethane-d4	4.937	65	175798	26.441	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.760%	
32) Benzene-d6	4.953	84	582252	25.018	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 100.080%	
36) 1,2-Dichloropropane-d6	5.985	67	188309	25.694	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.760%	
41) Toluene-d8	7.239	98	476390	23.199	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 92.800%	
43) trans-1,3-Dichloroprop...	7.551	79	73290	24.389	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.560%	
47) 2-Hexanone-d5	8.027	63	66202	66.670	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 133.340%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	172779	31.548	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 126.200%#	
66) 1,2-Dichlorobenzene-d4	11.558	152	168272	24.961	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 99.840%	
Target Compounds						
						Qvalue
13) Acetone	2.143	43	52600	20.070	ug/L	100
25) Chloroform	4.275	83	7697	0.579	ug/L	81
35) Methylcyclohexane	5.985	83	45489	4.191	ug/L #	20
63) 1,2,4-Trimethylbenzene	10.853	105	10257	0.557	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.406	75	1000	1.029	ug/L #	20
71) Naphthalene	13.439	128	47051	3.952	ug/L #	86
72) 1,2,3-Trichlorobenzene	13.699	180	3534	0.531	ug/L #	1

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

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