

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036158.D
 Acq On : 20 Jun 2024 12:39
 Operator : SY/MD
 Sample : P2909-18
 Misc : 4.55g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 21 01:47:50 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	372834	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	298912	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	73397	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	175009	25.532	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.120%	
7) Chloroethane-d5	1.526	69	148414	27.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.600%	
11) 1,1-Dichloroethene-d2	2.050	65	78998	25.888	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.560%	
21) 2-Butanone-d5	3.841	46	39985	25.425	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 50.840%	
24) Chloroform-d	4.240	84	301714	25.454	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 101.800%	
26) 1,2-Dichloroethane-d4	4.937	65	159047	25.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.360%	
32) Benzene-d6	4.953	84	566733	31.896	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 127.600%	
36) 1,2-Dichloropropane-d6	5.985	67	180610	32.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 129.120%#	
41) Toluene-d8	7.239	98	410924	26.211	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.840%	
43) trans-1,3-Dichloroprop...	7.555	79	52704	22.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.880%	
47) 2-Hexanone-d5	8.034	63	28743	37.915	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 75.820%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	92121	22.032	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 88.120%	
66) 1,2-Dichlorobenzene-d4	11.561	152	60034	22.305	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 89.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.047	101	2501	0.391	ug/L #	28
13) Acetone	2.153	43	33214	13.558	ug/L	91
16) Methylene chloride	2.442	84	37197	4.409	ug/L	97
25) Chloroform	4.272	83	6136	0.494	ug/L	79
48) 2-Hexanone	8.034	43	3917	1.796	ug/L #	62
71) Naphthalene	13.455	128	2037	0.429	ug/L #	84

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

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