

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013025\
 Data File : VU063104.D
 Acq On : 30 Jan 2025 17:36
 Operator : MD/SY
 Sample : Q1148-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 XA179

Quant Time: Jan 31 07:53:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM013025WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 07:44:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.235	114	148927	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.405	117	146841	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	77354	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	55512	51.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 102.320%	
7) Chloroethane-d5	1.895	69	35992	60.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 121.460%	
11) 1,1-Dichloroethene-d2	2.557	63	112933	59.579	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 119.160%	
21) 2-Butanone-d5	4.605	46	77671	110.913	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 110.910%	
24) Chloroform-d	5.049	84	95766	47.950	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 95.900%	
26) 1,2-Dichloroethane-d4	5.685	65	58024	51.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.160%	
32) Benzene-d6	5.711	84	203718	46.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 93.160%	
36) 1,2-Dichloropropane-d6	6.676	67	65783	45.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 91.940%	
41) Toluene-d8	7.885	98	182239	46.026	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 92.060%	
43) trans-1,3-Dichloroprop...	8.168	79	30539	46.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 92.780%	
47) 2-Hexanone-d5	8.621	63	57248	93.337	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 93.340%	
56) 1,1,2,2-Tetrachloroeth...	10.743	84	103561	49.342	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 98.680%	
66) 1,2-Dichlorobenzene-d4	12.183	152	74032	49.694	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 99.380%	

Target Compounds					Qvalue	
9) Trichlorofluoromethane	2.126	101	60026	40.843	ug/L	98
12) 1,1-Dichloroethene	2.566	96	73524	72.422	ug/L	92
13) Acetone	2.611	43	82603	188.621	ug/L	95
17) trans-1,2-Dichloroethene	3.338	96	60887	58.660	ug/L	96
18) Methyl tert-butyl Ether	3.348	73	371236	115.835	ug/L	98
19) 1,1-Dichloroethane	3.853	63	28647	15.064	ug/L	96
20) cis-1,2-Dichloroethene	4.650	96	100040	84.888	ug/L	98
27) 1,2-Dichloroethane	5.779	62	56116	39.992	ug/L	97
30) 1,1,1-Trichloroethane	5.300	97	99256	56.078	ug/L	98
31) Carbon tetrachloride	5.512	117	27625	18.082	ug/L	99
33) Benzene	5.759	78	339982	72.067	ug/L	100
34) Trichloroethene	6.528	95	95313	74.678	ug/L	96
37) 1,2-Dichloropropane	6.779	63	47791	36.899	ug/L	99
40) 4-Methyl-2-pentanone	7.775	43	131940	85.295	ug/L	99
42) Toluene	7.959	91	243122	48.868	ug/L	98
44) trans-1,3-Dichloropropene	8.196	75	146294	81.394	ug/L	98
45) 1,1,2-Trichloroethane	8.386	97	82895	67.239	ug/L	98
46) Tetrachloroethene	8.541	164	36401	40.364	ug/L	94
49) Dibromochloromethane	8.798	129	126548	101.299	ug/L	100

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53) m,p-Xylene	9.682	106	103580	51.521	ug/L	99
54) o-Xylene	10.090	106	62770	30.983	ug/L	97
55) Styrene	10.103	104	203756	59.186	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.769	83	60013	27.570	ug/L	99
59) Bromoform	10.280	173	11786	11.376	ug/L	96
60) 1,2,3-Trichloropropane	10.811	75	70430	42.709	ug/L	98
62) 1,3,5-Trimethylbenzene	11.077	105	229324	53.108	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	320505	74.642	ug/L	100
64) 1,3-Dichlorobenzene	11.733	146	101164	40.006	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	162792	62.124	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	34997	14.029	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	52691	35.981	ug/L	98

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

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