

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063474.D
 Acq On : 10 Jul 2025 12:12
 Operator : MD/SY
 Sample : VU0710WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBSD01

Quant Time: Jul 11 04:49:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	118321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	201841	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	189214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	102236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	74306	49.221	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.440%
35) Dibromofluoromethane	5.277	113	60847	50.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.020%
50) Toluene-d8	7.888	98	191139	48.195	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.400%
62) 4-Bromofluorobenzene	10.624	95	83826	48.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	17005	18.071	ug/l	97
3) Chloromethane	1.518	50	18737	16.347	ug/l	99
4) Vinyl Chloride	1.599	62	23668	18.623	ug/l	96
5) Bromomethane	1.843	94	19028	21.369	ug/l	95
6) Chloroethane	1.923	64	15686	17.034	ug/l	100
7) Trichlorofluoromethane	2.126	101	38850	18.948	ug/l	100
8) Diethyl Ether	2.370	74	17128	20.045	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.566	101	23317	19.227	ug/l	98
10) Methyl Iodide	2.708	142	22417	17.697	ug/l	98
11) Tert butyl alcohol	3.193	59	63375	125.208	ug/l	98
12) 1,1-Dichloroethene	2.566	96	21602	19.136	ug/l	98
13) Acrolein	2.480	56	7018	98.231	ug/l	83
14) Allyl chloride	2.907	41	51480	19.158	ug/l	97
15) Acrylonitrile	3.303	53	126451	116.632	ug/l	99
16) Acetone	2.621	43	132936	104.974	ug/l	97
17) Carbon Disulfide	2.775	76	44656	16.548	ug/l	98
18) Methyl Acetate	2.939	43	77307	23.721	ug/l	99
19) Methyl tert-butyl Ether	3.357	73	100229	20.587	ug/l	99
20) Methylene Chloride	3.026	84	30153	16.330	ug/l	96
21) trans-1,2-Dichloroethene	3.332	96	22513	18.563	ug/l	98
22) Diisopropyl ether	3.988	45	88786	19.406	ug/l	91
23) Vinyl Acetate	3.946	43	355274	100.073	ug/l	99
24) 1,1-Dichloroethane	3.849	63	50383	19.403	ug/l	97
25) 2-Butanone	4.705	43	163988	115.353	ug/l	99
26) 2,2-Dichloropropane	4.647	77	43285	19.160	ug/l	95
27) cis-1,2-Dichloroethene	4.650	96	31367	19.594	ug/l	98
28) Bromochloromethane	4.959	49	25555	20.951	ug/l	97
29) Tetrahydrofuran	5.049	42	103762	115.705	ug/l	100
30) Chloroform	5.071	83	53844	19.641	ug/l	97
31) Cyclohexane	5.367	56	39326	18.839	ug/l	94
32) 1,1,1-Trichloroethane	5.300	97	45509	19.496	ug/l	99
36) 1,1-Dichloropropene	5.512	75	30627	18.526	ug/l	95
37) Ethyl Acetate	4.808	43	53133	19.846	ug/l	99
38) Carbon Tetrachloride	5.505	117	34980	19.204	ug/l	95
39) Methylcyclohexane	6.746	83	37927	18.987	ug/l	97
40) Benzene	5.759	78	104688	20.277	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.972	41	27548	21.806	ug/l	97
42) 1,2-Dichloroethane	5.785	62	41634	21.446	ug/l	100
43) Isopropyl Acetate	5.910	43	76078	21.393	ug/l	98
44) Trichloroethene	6.531	130	27137	19.641	ug/l	97
45) 1,2-Dichloropropane	6.779	63	29844	20.793	ug/l	99
46) Dibromomethane	6.907	93	22044	21.587	ug/l	97
47) Bromodichloromethane	7.094	83	42789	20.151	ug/l	100
48) Methyl methacrylate	6.955	41	35160	21.391	ug/l	97
49) 1,4-Dioxane	6.965	88	18987	526.427	ug/l	95
51) 4-Methyl-2-Pentanone	7.782	43	300874	116.892	ug/l	100
52) Toluene	7.959	92	66702	19.752	ug/l	96
53) t-1,3-Dichloropropene	8.203	75	35697	19.211	ug/l	99
54) cis-1,3-Dichloropropene	7.598	75	42000	20.192	ug/l	94
55) 1,1,2-Trichloroethane	8.389	97	30509	21.273	ug/l	96
56) Ethyl methacrylate	8.325	69	46237	19.986	ug/l	98
57) 1,3-Dichloropropane	8.566	76	49418	20.905	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.463	63	2514	104.651	ug/l	99
59) 2-Hexanone	8.676	43	232170	119.255	ug/l	99
60) Dibromochloromethane	8.798	129	32901	20.479	ug/l	99
61) 1,2-Dibromoethane	8.914	107	29060	20.645	ug/l	99
64) Tetrachloroethene	8.544	164	26392	18.737	ug/l	97
65) Chlorobenzene	9.438	112	80067	20.339	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.524	131	26492	19.623	ug/l	99
67) Ethyl Benzene	9.560	91	134841	19.930	ug/l	100
68) m/p-Xylenes	9.682	106	101346	39.249	ug/l	100
69) o-Xylene	10.090	106	49726	18.942	ug/l	99
70) Styrene	10.106	104	82297	19.716	ug/l	97
71) Bromoform	10.280	173	22060	18.747	ug/l #	98
73) Isopropylbenzene	10.473	105	137063	19.703	ug/l	99
74) N-amyl acetate	10.312	43	64073	20.539	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.772	83	53341	20.831	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	56272	20.772	ug/l #	81
77) Bromobenzene	10.775	156	34735	20.370	ug/l	100
78) n-propylbenzene	10.897	91	157750	19.554	ug/l	100
79) 2-Chlorotoluene	10.978	91	97548	19.279	ug/l	99
80) 1,3,5-Trimethylbenzene	11.077	105	118003	19.394	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	10650	19.607	ug/l	94
82) 4-Chlorotoluene	11.087	91	117056	20.378	ug/l	97
83) tert-Butylbenzene	11.409	119	115488	19.792	ug/l	96
84) 1,2,4-Trimethylbenzene	11.460	105	117851	19.724	ug/l	100
85) sec-Butylbenzene	11.634	105	154036	20.006	ug/l	99
86) p-Isopropyltoluene	11.785	119	125910	20.157	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	64612	19.663	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	66432	19.830	ug/l	97
89) n-Butylbenzene	12.200	91	118342	20.469	ug/l	98
90) Hexachloroethane	12.463	117	20026	19.168	ug/l	98
91) 1,2-Dichlorobenzene	12.203	146	66314	20.696	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.987	75	14006	23.095	ug/l	98
93) 1,2,4-Trichlorobenzene	13.833	180	42814	20.864	ug/l	99
94) Hexachlorobutadiene	14.010	225	17803	20.296	ug/l	98
95) Naphthalene	14.081	128	149121	22.190	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	42724	21.186	ug/l	99

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

