

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063503.D
 Acq On : 14 Jul 2025 11:24
 Operator : MD/SY
 Sample : VU0714WBS01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBS01

Quant Time: Jul 15 01:32:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	104660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	188990	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	170793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	93891	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.688	65	70458	52.764	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.520%	
35) Dibromofluoromethane	5.274	113	57109	50.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.260%	
50) Toluene-d8	7.888	98	173464	46.713	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.420%	
62) 4-Bromofluorobenzene	10.624	95	81847	50.390	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	14354	17.245	ug/l	97
3) Chloromethane	1.518	50	17302	17.066	ug/l	98
4) Vinyl Chloride	1.599	62	21249	18.902	ug/l	98
5) Bromomethane	1.846	94	17492	22.208	ug/l	98
6) Chloroethane	1.923	64	14928	18.327	ug/l	96
7) Trichlorofluoromethane	2.129	101	36667	20.218	ug/l	99
8) Diethyl Ether	2.370	74	15002	19.849	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.566	101	22517	20.991	ug/l	99
10) Methyl Iodide	2.708	142	18599	16.600	ug/l	97
11) Tert butyl alcohol	3.197	59	54870	122.554	ug/l	98
12) 1,1-Dichloroethene	2.566	96	19392	19.421	ug/l	97
13) Acrolein	2.476	56	4395	69.547	ug/l	99
14) Allyl chloride	2.907	41	45983	19.346	ug/l	98
15) Acrylonitrile	3.303	53	113912	118.780	ug/l	97
16) Acetone	2.621	43	116509	104.011	ug/l	99
17) Carbon Disulfide	2.775	76	37264	15.611	ug/l	96
18) Methyl Acetate	2.943	43	70705	24.527	ug/l	100
19) Methyl tert-butyl Ether	3.361	73	91375	21.218	ug/l	97
20) Methylene Chloride	3.026	84	27053	16.564	ug/l	96
21) trans-1,2-Dichloroethene	3.332	96	20720	19.314	ug/l	96
22) Diisopropyl ether	3.991	45	81914	20.240	ug/l	99
23) Vinyl Acetate	3.946	43	317021	100.954	ug/l	99
24) 1,1-Dichloroethane	3.849	63	47462	20.664	ug/l	98
25) 2-Butanone	4.708	43	143669	114.251	ug/l	97
26) 2,2-Dichloropropane	4.647	77	40706	20.370	ug/l	97
27) cis-1,2-Dichloroethene	4.653	96	28497	20.125	ug/l	98
28) Bromochloromethane	4.955	49	24667	22.863	ug/l	99
29) Tetrahydrofuran	5.052	42	92113	116.123	ug/l	98
30) Chloroform	5.074	83	51536	21.252	ug/l	99
31) Cyclohexane	5.367	56	34740	18.815	ug/l	93
32) 1,1,1-Trichloroethane	5.296	97	42768	20.713	ug/l	98
36) 1,1-Dichloropropene	5.512	75	28958	18.708	ug/l	99
37) Ethyl Acetate	4.814	43	43770	17.460	ug/l	98
38) Carbon Tetrachloride	5.508	117	31843	18.670	ug/l	98
39) Methylcyclohexane	6.746	83	33256	17.781	ug/l	94
40) Benzene	5.759	78	95577	19.771	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.971	41	24215	20.471	ug/l	97
42) 1,2-Dichloroethane	5.785	62	40000	22.005	ug/l	99
43) Isopropyl Acetate	5.910	43	67092	20.149	ug/l	100
44) Trichloroethene	6.531	130	25299	19.556	ug/l	97
45) 1,2-Dichloropropane	6.782	63	26131	19.444	ug/l	98
46) Dibromomethane	6.907	93	20113	21.035	ug/l	97
47) Bromodichloromethane	7.094	83	40671	20.456	ug/l	96
48) Methyl methacrylate	6.959	41	32282	20.976	ug/l	98
49) 1,4-Dioxane	6.968	88	12328	365.044	ug/l #	92
51) 4-Methyl-2-Pentanone	7.785	43	267995	111.198	ug/l	98
52) Toluene	7.958	92	59629	18.858	ug/l	98
53) t-1,3-Dichloropropene	8.203	75	32057	18.425	ug/l	96
54) cis-1,3-Dichloropropene	7.598	75	37305	19.154	ug/l	95
55) 1,1,2-Trichloroethane	8.389	97	27263	20.303	ug/l	98
56) Ethyl methacrylate	8.328	69	41531	19.173	ug/l	95
57) 1,3-Dichloropropane	8.566	76	44797	20.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.467	63	2154	95.762	ug/l	100
59) 2-Hexanone	8.675	43	199132	109.240	ug/l	98
60) Dibromochloromethane	8.801	129	28783	19.134	ug/l	99
61) 1,2-Dibromoethane	8.917	107	26323	19.972	ug/l	97
64) Tetrachloroethene	8.544	164	24085	18.943	ug/l	96
65) Chlorobenzene	9.438	112	71338	20.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.524	131	24249	19.899	ug/l	97
67) Ethyl Benzene	9.560	91	122632	20.080	ug/l	98
68) m/p-Xylenes	9.685	106	94345	40.478	ug/l	100
69) o-Xylene	10.090	106	47805	20.174	ug/l	98
70) Styrene	10.106	104	74769	19.844	ug/l	98
71) Bromoform	10.280	173	19261	18.134	ug/l #	96
73) Isopropylbenzene	10.476	105	127743	19.995	ug/l	100
74) N-amyl acetate	10.315	43	56945	19.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	49245	20.941	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	51544	20.718	ug/l #	81
77) Bromobenzene	10.775	156	29906	19.097	ug/l	91
78) n-propylbenzene	10.897	91	146196	19.732	ug/l	100
79) 2-Chlorotoluene	10.978	91	92906	19.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.081	105	108868	19.483	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.534	75	9686	19.417	ug/l	90
82) 4-Chlorotoluene	11.090	91	106154	20.123	ug/l	97
83) tert-Butylbenzene	11.409	119	108281	20.206	ug/l	99
84) 1,2,4-Trimethylbenzene	11.460	105	105331	19.196	ug/l	99
85) sec-Butylbenzene	11.634	105	140048	19.806	ug/l	99
86) p-Isopropyltoluene	11.785	119	113404	19.768	ug/l	99
87) 1,3-Dichlorobenzene	11.736	146	59511	19.721	ug/l	99
88) 1,4-Dichlorobenzene	11.826	146	61900	20.119	ug/l	95
89) n-Butylbenzene	12.199	91	100292	18.889	ug/l	99
90) Hexachloroethane	12.466	117	18213	18.982	ug/l	93
91) 1,2-Dichlorobenzene	12.206	146	59501	20.220	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.987	75	12376	22.221	ug/l	97
93) 1,2,4-Trichlorobenzene	13.833	180	35012	18.579	ug/l	96
94) Hexachlorobutadiene	14.010	225	15141	18.795	ug/l	98
95) Naphthalene	14.080	128	112218	18.183	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	33962	18.338	ug/l	98

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

