

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063486.D
 Acq On : 11 Jul 2025 10:23
 Operator : MD/SY
 Sample : VU0711WBS01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/14/2025
 Supervised By :Semsettin Yesilyurt 07/14/2025

Quant Time: Jul 12 03:46:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	106337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	201807	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	184725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	99757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	75839	55.898	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.800%			
35) Dibromofluoromethane	5.274	113	62606	51.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.940%			
50) Toluene-d8	7.888	98	195297	49.252	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.500%			
62) 4-Bromofluorobenzene	10.624	95	87468	50.430	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	17501	20.694	ug/l	98
3) Chloromethane	1.518	50	20625	20.022	ug/l	97
4) Vinyl Chloride	1.599	62	24466	21.420	ug/l	97
5) Bromomethane	1.846	94	19344	24.172	ug/l	97
6) Chloroethane	1.923	64	17518	21.168	ug/l	99
7) Trichlorofluoromethane	2.129	101	41126	22.319	ug/l	99
8) Diethyl Ether	2.370	74	16510	21.499	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.566	101	24117	22.128	ug/l	97
10) Methyl Iodide	2.708	142	22169	19.474	ug/l	94
11) Tert butyl alcohol	3.190	59	61884	136.041	ug/l	100
12) 1,1-Dichloroethene	2.566	96	21958	21.643	ug/l	97
13) Acrolein	2.480	56	6193	96.453	ug/l	88
14) Allyl chloride	2.907	41	52902	21.906	ug/l	99
15) Acrylonitrile	3.303	53	129109	132.504	ug/l	99
16) Acetone	2.618	43	124480	109.375	ug/l	99
17) Carbon Disulfide	2.775	76	43391	17.892	ug/l	99
18) Methyl Acetate	2.939	43	76620	26.160	ug/l	98
19) Methyl tert-butyl Ether	3.357	73	101660	23.234	ug/l	98
20) Methylene Chloride	3.026	84	29766	17.937	ug/l	94
21) trans-1,2-Dichloroethene	3.332	96	24267	22.264	ug/l	92
22) Diisopropyl ether	3.988	45	90343	21.971	ug/l	94
23) Vinyl Acetate	3.946	43	356485	111.731	ug/l	99
24) 1,1-Dichloroethane	3.846	63	53086	22.748	ug/l	99
25) 2-Butanone	4.705	43	157698	123.430	ug/l	98
26) 2,2-Dichloropropane	4.647	77	45810	22.563	ug/l	95
27) cis-1,2-Dichloroethene	4.653	96	32301	22.451	ug/l	98
28) Bromochloromethane	4.955	49	23815	21.725	ug/l	97
29) Tetrahydrofuran	5.049	42	102410	127.068	ug/l	98
30) Chloroform	5.071	83	56905	23.096	ug/l	95
31) Cyclohexane	5.367	56	39454	21.031	ug/l	96
32) 1,1,1-Trichloroethane	5.296	97	47880	22.823	ug/l	97
36) 1,1-Dichloropropene	5.508	75	34251	20.722	ug/l	98
37) Ethyl Acetate	4.808	43	56511m	21.111	ug/l	
38) Carbon Tetrachloride	5.505	117	36073	19.807	ug/l	99
39) Methylcyclohexane	6.746	83	37270	18.661	ug/l	94
40) Benzene	5.759	78	107073	20.742	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.968	41	26670	21.115	ug/l	98
42) 1,2-Dichloroethane	5.785	62	42269	21.777	ug/l	96
43) Isopropyl Acetate	5.907	43	74466	20.943	ug/l	99
44) Trichloroethene	6.531	130	28081	20.328	ug/l	94
45) 1,2-Dichloropropane	6.779	63	31160	21.714	ug/l	97
46) Dibromomethane	6.907	93	22306	21.847	ug/l	97
47) Bromodichloromethane	7.094	83	45262	21.319	ug/l	95
48) Methyl methacrylate	6.955	41	35505	21.605	ug/l	97
49) 1,4-Dioxane	6.962	88	16214	449.619	ug/l	93
51) 4-Methyl-2-Pentanone	7.782	43	292482	113.651	ug/l	100
52) Toluene	7.959	92	69314	20.529	ug/l	94
53) t-1,3-Dichloropropene	8.200	75	36205	19.488	ug/l	100
54) cis-1,3-Dichloropropene	7.598	75	41809	20.103	ug/l	95
55) 1,1,2-Trichloroethane	8.389	97	31513	21.977	ug/l	93
56) Ethyl methacrylate	8.325	69	46565	20.131	ug/l	97
57) 1,3-Dichloropropane	8.566	76	50122	21.206	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.463	63	2736	113.911	ug/l #	88
59) 2-Hexanone	8.676	43	214389	110.141	ug/l	97
60) Dibromochloromethane	8.798	129	32966	20.523	ug/l	100
61) 1,2-Dibromoethane	8.913	107	29830	21.196	ug/l	98
64) Tetrachloroethene	8.540	164	27156	19.748	ug/l	98
65) Chlorobenzene	9.438	112	81248	21.141	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.521	131	27523	20.882	ug/l	96
67) Ethyl Benzene	9.560	91	137154	20.764	ug/l	100
68) m/p-Xylenes	9.685	106	103679	41.128	ug/l	98
69) o-Xylene	10.090	106	51676	20.163	ug/l	97
70) Styrene	10.106	104	86310	21.180	ug/l	98
71) Bromoform	10.280	173	22346	19.451	ug/l #	99
73) Isopropylbenzene	10.473	105	142143	20.941	ug/l	99
74) N-amyl acetate	10.312	43	61196	20.104	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.772	83	53301	21.333	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	56733	21.462	ug/l #	81
77) Bromobenzene	10.772	156	33608	20.199	ug/l	97
78) n-propylbenzene	10.897	91	162104	20.593	ug/l	98
79) 2-Chlorotoluene	10.974	91	103007	20.864	ug/l	100
80) 1,3,5-Trimethylbenzene	11.077	105	120675	20.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.534	75	10584	19.970	ug/l	93
82) 4-Chlorotoluene	11.087	91	117137	20.899	ug/l	97
83) tert-Butylbenzene	11.409	119	121297	21.304	ug/l	99
84) 1,2,4-Trimethylbenzene	11.457	105	117866	20.217	ug/l	99
85) sec-Butylbenzene	11.634	105	151758	20.200	ug/l	100
86) p-Isopropyltoluene	11.785	119	124651	20.451	ug/l	99
87) 1,3-Dichlorobenzene	11.737	146	66343	20.692	ug/l	97
88) 1,4-Dichlorobenzene	11.827	146	66031	20.200	ug/l	97
89) n-Butylbenzene	12.200	91	108819	19.290	ug/l	99
90) Hexachloroethane	12.466	117	19948	19.568	ug/l	97
91) 1,2-Dichlorobenzene	12.206	146	63980	20.464	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.987	75	13998	23.655	ug/l	93
93) 1,2,4-Trichlorobenzene	13.833	180	38343	19.150	ug/l	99
94) Hexachlorobutadiene	14.010	225	16379	19.137	ug/l	97
95) Naphthalene	14.077	128	126762	19.332	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	38419	19.525	ug/l	99

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

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