

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063487.D
 Acq On : 11 Jul 2025 10:46
 Operator : MD/SY
 Sample : VU0711WBSD01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jul 12 03:47:01 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	5.361	168	109967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	192890	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.406	117	178576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	95576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	78057	55.634	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.260%			
35) Dibromofluoromethane	5.277	113	61058	52.514	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.020%			
50) Toluene-d8	7.888	98	191373	50.494	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.980%			
62) 4-Bromofluorobenzene	10.624	95	86135	51.958	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	16812	19.223	ug/l	92
3) Chloromethane	1.518	50	19731	18.522	ug/l	98
4) Vinyl Chloride	1.599	62	23581	19.964	ug/l	95
5) Bromomethane	1.846	94	19193	23.192	ug/l	99
6) Chloroethane	1.924	64	16968	19.826	ug/l	97
7) Trichlorofluoromethane	2.129	101	40273	21.135	ug/l	99
8) Diethyl Ether	2.370	74	17359	21.859	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.567	101	24570	21.800	ug/l	98
10) Methyl Iodide	2.708	142	22636	19.228	ug/l	98
11) Tert butyl alcohol	3.194	59	63860	135.751	ug/l	96
12) 1,1-Dichloroethene	2.567	96	22167	21.128	ug/l	99
13) Acrolein	2.480	56	5689	85.678	ug/l	87
14) Allyl chloride	2.907	41	53308	21.346	ug/l	96
15) Acrylonitrile	3.303	53	131248	130.252	ug/l	98
16) Acetone	2.621	43	126874	107.798	ug/l	100
17) Carbon Disulfide	2.776	76	44464	17.729	ug/l	95
18) Methyl Acetate	2.940	43	80772	26.667	ug/l	100
19) Methyl tert-butyl Ether	3.358	73	101854	22.510	ug/l	99
20) Methylene Chloride	3.030	84	29170	16.998	ug/l	97
21) trans-1,2-Dichloroethene	3.335	96	23515	20.862	ug/l	98
22) Diisopropyl ether	3.988	45	89210	20.979	ug/l	90
23) Vinyl Acetate	3.946	43	362131	109.754	ug/l	99
24) 1,1-Dichloroethane	3.850	63	52394	21.711	ug/l	98
25) 2-Butanone	4.705	43	162664	123.114	ug/l	98
26) 2,2-Dichloropropane	4.647	77	43901	20.909	ug/l	97
27) cis-1,2-Dichloroethene	4.650	96	32221	21.656	ug/l	98
28) Bromochloromethane	4.959	49	23131	20.404	ug/l	99
29) Tetrahydrofuran	5.052	42	105523	126.608	ug/l	98
30) Chloroform	5.075	83	54904	21.549	ug/l	99
31) Cyclohexane	5.367	56	38626	19.910	ug/l	93
32) 1,1,1-Trichloroethane	5.296	97	46592	21.476	ug/l	99
36) 1,1-Dichloropropene	5.512	75	33928	21.475	ug/l	96
37) Ethyl Acetate	4.808	43	60182m	23.521	ug/l	
38) Carbon Tetrachloride	5.502	117	35637	20.472	ug/l	97
39) Methylcyclohexane	6.747	83	38195	20.008	ug/l	96
40) Benzene	5.759	78	107407	21.769	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.968	41	27559	22.827	ug/l	96
42) 1,2-Dichloroethane	5.782	62	42914	23.131	ug/l	97
43) Isopropyl Acetate	5.911	43	76046	22.376	ug/l	99
44) Trichloroethene	6.531	130	28546	21.620	ug/l	98
45) 1,2-Dichloropropane	6.779	63	30231	22.040	ug/l	99
46) Dibromomethane	6.907	93	22398	22.951	ug/l	98
47) Bromodichloromethane	7.094	83	43982	21.674	ug/l	93
48) Methyl methacrylate	6.959	41	37255	23.718	ug/l	99
49) 1,4-Dioxane	6.962	88	19559	567.450	ug/l	97
51) 4-Methyl-2-Pentanone	7.782	43	313666	127.517	ug/l	98
52) Toluene	7.959	92	69254	21.459	ug/l	92
53) t-1,3-Dichloropropene	8.200	75	35574	20.033	ug/l	98
54) cis-1,3-Dichloropropene	7.599	75	42763	21.513	ug/l	94
55) 1,1,2-Trichloroethane	8.390	97	30967	22.595	ug/l	97
56) Ethyl methacrylate	8.325	69	46969	21.245	ug/l	97
57) 1,3-Dichloropropane	8.566	76	50854	22.510	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.467	63	2406	104.803	ug/l #	81
59) 2-Hexanone	8.676	43	234734	126.167	ug/l	99
60) Dibromochloromethane	8.798	129	33267	21.668	ug/l	99
61) 1,2-Dibromoethane	8.914	107	29917	22.240	ug/l	98
64) Tetrachloroethene	8.544	164	26234	19.734	ug/l	94
65) Chlorobenzene	9.438	112	82696	22.258	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.525	131	26954	21.154	ug/l	96
67) Ethyl Benzene	9.560	91	137314	21.504	ug/l	99
68) m/p-Xylenes	9.685	106	103482	42.463	ug/l	98
69) o-Xylene	10.090	106	52066	21.014	ug/l	99
70) Styrene	10.107	104	88024	22.344	ug/l	98
71) Bromoform	10.280	173	23183	20.875	ug/l #	97
73) Isopropylbenzene	10.473	105	139940	21.518	ug/l	99
74) N-amyl acetate	10.312	43	65703	22.529	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.772	83	55494	23.182	ug/l	98
76) 1,2,3-Trichloropropane	10.814	75	56734m	22.402	ug/l	
77) Bromobenzene	10.775	156	33877	21.251	ug/l	94
78) n-propylbenzene	10.894	91	166066	22.019	ug/l	98
79) 2-Chlorotoluene	10.975	91	105612	22.328	ug/l	98
80) 1,3,5-Trimethylbenzene	11.078	105	123315	21.679	ug/l	97
81) trans-1,4-Dichloro-2-b...	10.537	75	10763	21.196	ug/l	91
82) 4-Chlorotoluene	11.087	91	121612	22.647	ug/l	99
83) tert-Butylbenzene	11.409	119	118319	21.690	ug/l	97
84) 1,2,4-Trimethylbenzene	11.460	105	121911	21.826	ug/l	100
85) sec-Butylbenzene	11.634	105	157031	21.816	ug/l	99
86) p-Isopropyltoluene	11.785	119	127032	21.754	ug/l	99
87) 1,3-Dichlorobenzene	11.737	146	66653	21.698	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	69898	22.318	ug/l	98
89) n-Butylbenzene	12.200	91	119596	22.128	ug/l	99
90) Hexachloroethane	12.463	117	20345	20.831	ug/l	95
91) 1,2-Dichlorobenzene	12.203	146	67252	22.451	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.987	75	14516	25.604	ug/l	96
93) 1,2,4-Trichlorobenzene	13.833	180	42992	22.411	ug/l	99
94) Hexachlorobutadiene	14.010	225	18008	21.960	ug/l	96
95) Naphthalene	14.081	128	153741	24.472	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	43452	23.049	ug/l	98

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

