

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063473.D
 Acq On : 10 Jul 2025 11:50
 Operator : MD/SY
 Sample : VU0710WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jul 11 04:48:25 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	119038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	211012	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	190914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	105259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	75876	49.958	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.920%		
35) Dibromofluoromethane	5.277	113	61698	48.507	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	7.888	98	198755	47.938	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.880%		
62) 4-Bromofluorobenzene	10.624	95	89704	49.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	17249	18.220	ug/l	97
3) Chloromethane	1.518	50	19683	17.069	ug/l	99
4) Vinyl Chloride	1.599	62	23511	18.388	ug/l	98
5) Bromomethane	1.846	94	19698	21.988	ug/l	99
6) Chloroethane	1.923	64	16267	17.559	ug/l	99
7) Trichlorofluoromethane	2.129	101	39976	19.380	ug/l	99
8) Diethyl Ether	2.370	74	16529	19.228	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.570	101	24626	20.184	ug/l	96
10) Methyl Iodide	2.708	142	21376	16.774	ug/l	98
11) Tert butyl alcohol	3.190	59	59932	117.692	ug/l	98
12) 1,1-Dichloroethene	2.567	96	21928	19.308	ug/l	93
13) Acrolein	2.483	56	6233	86.718	ug/l	97
14) Allyl chloride	2.907	41	53078	19.634	ug/l	98
15) Acrylonitrile	3.303	53	120530	110.501	ug/l	98
16) Acetone	2.621	43	135224	106.138	ug/l	100
17) Carbon Disulfide	2.779	76	44876	16.530	ug/l	100
18) Methyl Acetate	2.943	43	71901	21.930	ug/l	99
19) Methyl tert-butyl Ether	3.361	73	97473	19.900	ug/l	97
20) Methylene Chloride	3.026	84	29756	16.018	ug/l	99
21) trans-1,2-Dichloroethene	3.335	96	23712	19.434	ug/l	93
22) Diisopropyl ether	3.991	45	89051	19.346	ug/l	95
23) Vinyl Acetate	3.946	43	352641	98.733	ug/l	98
24) 1,1-Dichloroethane	3.853	63	51367	19.663	ug/l	98
25) 2-Butanone	4.705	43	155710	108.870	ug/l	100
26) 2,2-Dichloropropane	4.647	77	46007	20.242	ug/l	96
27) cis-1,2-Dichloroethene	4.653	96	31905	19.810	ug/l	99
28) Bromochloromethane	4.959	49	26997	22.000	ug/l	99
29) Tetrahydrofuran	5.052	42	98389	109.053	ug/l	99
30) Chloroform	5.074	83	55443	20.102	ug/l	97
31) Cyclohexane	5.364	56	40442	19.257	ug/l #	95
32) 1,1,1-Trichloroethane	5.300	97	46381	19.750	ug/l	98
36) 1,1-Dichloropropene	5.512	75	32125	18.588	ug/l	97
37) Ethyl Acetate	4.811	43	56654m	20.241	ug/l	
38) Carbon Tetrachloride	5.505	117	35914	18.860	ug/l	99
39) Methylcyclohexane	6.750	83	37855	18.127	ug/l	97
40) Benzene	5.759	78	100192	18.563	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.972	41	25835	19.561	ug/l	95
42) 1,2-Dichloroethane	5.785	62	41704	20.548	ug/l	98
43) Isopropyl Acetate	5.910	43	71436	19.215	ug/l	99
44) Trichloroethene	6.534	130	27974	19.367	ug/l	94
45) 1,2-Dichloropropane	6.779	63	29338	19.552	ug/l	100
46) Dibromomethane	6.907	93	22052	20.656	ug/l	99
47) Bromodichloromethane	7.094	83	43634	19.656	ug/l	97
48) Methyl methacrylate	6.955	41	34874	20.295	ug/l	98
49) 1,4-Dioxane	6.965	88	16028	425.073	ug/l	97
51) 4-Methyl-2-Pentanone	7.782	43	281439	104.589	ug/l	98
52) Toluene	7.959	92	67904	19.234	ug/l	94
53) t-1,3-Dichloropropene	8.203	75	36106	18.587	ug/l	98
54) cis-1,3-Dichloropropene	7.598	75	43411	19.963	ug/l	99
55) 1,1,2-Trichloroethane	8.389	97	30110	20.083	ug/l	94
56) Ethyl methacrylate	8.328	69	44992	18.603	ug/l	99
57) 1,3-Dichloropropane	8.566	76	48334	19.557	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.463	63	2363	94.090	ug/l	99
59) 2-Hexanone	8.676	43	211276	103.806	ug/l	97
60) Dibromochloromethane	8.798	129	32628	19.426	ug/l	99
61) 1,2-Dibromoethane	8.914	107	28790	19.565	ug/l	97
64) Tetrachloroethene	8.541	164	26705	18.790	ug/l	97
65) Chlorobenzene	9.438	112	79175	19.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.524	131	27291	20.035	ug/l	97
67) Ethyl Benzene	9.560	91	134984	19.773	ug/l	100
68) m/p-Xylenes	9.685	106	98192	37.689	ug/l	94
69) o-Xylene	10.090	106	51102	19.292	ug/l	97
70) Styrene	10.106	104	80241	19.052	ug/l	97
71) Bromoform	10.280	173	22843	19.239	ug/l #	98
73) Isopropylbenzene	10.473	105	139008	19.409	ug/l	99
74) N-amyl acetate	10.312	43	58527	18.222	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.772	83	51440	19.512	ug/l	98
76) 1,2,3-Trichloropropane	10.814	75	54582	19.569	ug/l #	81
77) Bromobenzene	10.775	156	33927	19.325	ug/l	96
78) n-propylbenzene	10.897	91	157899	19.010	ug/l	100
79) 2-Chlorotoluene	10.978	91	102730	19.721	ug/l	98
80) 1,3,5-Trimethylbenzene	11.077	105	119181	19.025	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	10508	18.790	ug/l	91
82) 4-Chlorotoluene	11.087	91	115321	19.500	ug/l	97
83) tert-Butylbenzene	11.412	119	118067	19.653	ug/l	97
84) 1,2,4-Trimethylbenzene	11.460	105	116801	18.987	ug/l	99
85) sec-Butylbenzene	11.634	105	153109	19.314	ug/l	100
86) p-Isopropyltoluene	11.785	119	124490	19.357	ug/l	99
87) 1,3-Dichlorobenzene	11.737	146	64708	19.127	ug/l	98
88) 1,4-Dichlorobenzene	11.827	146	65980	19.129	ug/l	97
89) n-Butylbenzene	12.200	91	107014	17.978	ug/l	99
90) Hexachloroethane	12.466	117	20096	18.683	ug/l	98
91) 1,2-Dichlorobenzene	12.203	146	64619	19.588	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.987	75	13072	20.936	ug/l	99
93) 1,2,4-Trichlorobenzene	13.833	180	37870	17.925	ug/l	99
94) Hexachlorobutadiene	14.010	225	17203	19.049	ug/l	99
95) Naphthalene	14.081	128	125866	18.192	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	38287	18.441	ug/l	98

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

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