

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019205.D
 Acq On : 29 Oct 2025 15:44
 Operator : SY/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL02

Quant Time: Oct 30 08:48:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:43:44 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 10/30/2025
 Supervised By :Mahesh Dadoda 10/30/2025

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

Internal Standards						
1) Pentafluorobenzene	7.560	168	146711	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.552	114	254233	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	201698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.935	152	94192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.941	65	109457	46.383	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.760%	
35) Dibromofluoromethane	7.477	113	74789	46.512	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.020%	
50) Toluene-d8	10.233	98	301418	46.161	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.320%	
62) 4-Bromofluorobenzene	12.859	95	88229	42.981	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	2572	2.977	ug/l	97
3) Chloromethane	2.089	50	4218m	3.168	ug/l	
4) Vinyl Chloride	2.189	62	4341	2.549	ug/l	90
5) Bromomethane	2.518	94	4259	4.642	ug/l	94
6) Chloroethane	2.665	64	4219	2.730	ug/l	94
7) Trichlorofluoromethane	2.971	101	8939	2.835	ug/l	99
8) Diethyl Ether	3.341	74	4020	2.658	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.652	101	3820	2.497	ug/l	92
10) Methyl Iodide	3.852	142	2269	1.832	ug/l #	84
11) Tert butyl alcohol	4.651	59	8492	16.930	ug/l	95
12) 1,1-Dichloroethene	3.640	96	3261	2.307	ug/l	87
13) Acrolein	3.517	56	1817	21.234	ug/l	94
14) Allyl chloride	4.199	41	7443	2.670	ug/l	92
15) Acrylonitrile	4.822	53	17007	13.903	ug/l	99
16) Acetone	3.723	43	25440	8.763	ug/l	100
17) Carbon Disulfide	3.940	76	5768	3.002	ug/l	98
18) Methyl Acetate	4.199	43	7430	1.789	ug/l	100
19) Methyl tert-butyl Ether	4.880	73	17300	2.709	ug/l	98
20) Methylene Chloride	4.410	84	5217	3.307	ug/l	97
21) trans-1,2-Dichloroethene	4.874	96	3306	2.746	ug/l #	77
22) Diisopropyl ether	5.779	45	16708	2.524	ug/l	99
23) Vinyl Acetate	5.720	43	66788	14.124	ug/l	99
24) 1,1-Dichloroethane	5.662	63	7919	2.557	ug/l #	84
25) 2-Butanone	6.678	43	26698	14.791	ug/l	94
26) 2,2-Dichloropropane	6.661	77	6779	2.537	ug/l	98
27) cis-1,2-Dichloroethene	6.666	96	4665	2.761	ug/l	98
28) Bromochloromethane	7.054	49	3000	1.813	ug/l #	97
29) Tetrahydrofuran	7.066	42	13699	13.044	ug/l #	88
30) Chloroform	7.236	83	7896	2.724	ug/l	98
31) Cyclohexane	7.548	56	9920	4.308	ug/l #	72
32) 1,1,1-Trichloroethane	7.442	97	5915	2.563	ug/l	95
36) 1,1-Dichloropropene	7.689	75	4998	2.763	ug/l	94
37) Ethyl Acetate	6.778	43	9052	2.940	ug/l #	95
38) Carbon Tetrachloride	7.665	117	4250	2.584	ug/l #	95
39) Methylcyclohexane	9.093	83	5582	2.793	ug/l	95
40) Benzene	7.959	78	16397	2.678	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.019	41	4694	3.030	ug/l #	91
42) 1,2-Dichloroethane	8.047	62	5870	2.728	ug/l	94
43) Isopropyl Acetate	8.094	43	12984	2.652	ug/l	95
44) Trichloroethene	8.829	130	3429	2.865	ug/l	87
45) 1,2-Dichloropropane	9.140	63	4201	2.697	ug/l	99
46) Dibromomethane	9.234	93	2516	2.684	ug/l	95
47) Bromodichloromethane	9.457	83	5375	2.543	ug/l	92
48) Methyl methacrylate	9.228	41	5584	2.539	ug/l	93
49) 1,4-Dioxane	9.240	88	2449	59.293	ug/l #	87
51) 4-Methyl-2-Pentanone	10.110	43	37642	12.766	ug/l	100
52) Toluene	10.303	92	9069	2.592	ug/l	94
53) t-1,3-Dichloropropene	10.562	75	5683	2.484	ug/l	92
54) cis-1,3-Dichloropropene	9.951	75	6672	2.816	ug/l	89
55) 1,1,2-Trichloroethane	10.762	97	3428	2.484	ug/l	96
56) Ethyl methacrylate	10.615	69	6748	2.545	ug/l	90
57) 1,3-Dichloropropane	10.926	76	6655	2.718	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.792	63	10650	14.924	ug/l	97
59) 2-Hexanone	10.979	43	29111	13.032	ug/l	95
60) Dibromochloromethane	11.150	129	3229	2.321	ug/l	92
61) 1,2-Dibromoethane	11.273	107	3393	2.641	ug/l	99
64) Tetrachloroethene	10.850	164	2613	2.850	ug/l	92
65) Chlorobenzene	11.755	112	10043	2.774	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.843	131	3020	2.437	ug/l	92
67) Ethyl Benzene	11.843	91	17925	2.648	ug/l	95
68) m/p-Xylenes	11.972	106	13369	5.347	ug/l	100
69) o-Xylene	12.342	106	6465	2.601	ug/l	100
70) Styrene	12.360	104	11286	2.522	ug/l	94
71) Bromoform	12.554	173	2271	2.396	ug/l #	99
73) Isopropylbenzene	12.689	105	17337	2.674	ug/l	94
74) N-amyl acetate	12.477	43	8600	2.629	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.977	83	5889	2.651	ug/l	97
76) 1,2,3-Trichloropropane	13.036	75	5331m	2.750	ug/l	
77) Bromobenzene	13.006	156	3943	2.866	ug/l	91
78) n-propylbenzene	13.071	91	20833	2.704	ug/l	96
79) 2-Chlorotoluene	13.177	91	12053	2.731	ug/l	96
80) 1,3,5-Trimethylbenzene	13.235	105	13525	2.597	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.748	75	1831	2.216	ug/l	97
82) 4-Chlorotoluene	13.288	91	12482	2.779	ug/l	94
83) tert-Butylbenzene	13.529	119	13291	2.757	ug/l	95
84) 1,2,4-Trimethylbenzene	13.582	105	14274	2.698	ug/l	96
85) sec-Butylbenzene	13.735	105	18447	2.609	ug/l	97
86) p-Isopropyltoluene	13.864	119	15162	2.568	ug/l	98
87) 1,3-Dichlorobenzene	13.864	146	8204	2.906	ug/l	97
88) 1,4-Dichlorobenzene	13.958	146	8534	3.001	ug/l	86
89) n-Butylbenzene	14.240	91	14096	2.585	ug/l	97
90) Hexachloroethane	14.540	117	2062	2.264	ug/l	92
91) 1,2-Dichlorobenzene	14.287	146	7460	2.698	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.980	75	1303	2.719	ug/l	91
93) 1,2,4-Trichlorobenzene	15.774	180	5518	3.103	ug/l	95
94) Hexachlorobutadiene	15.897	225	2029	2.766	ug/l	98
95) Naphthalene	16.073	128	19398	3.115	ug/l	100
96) 1,2,3-Trichlorobenzene	16.297	180	5497	3.133	ug/l	94

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

