

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019202.D
 Acq On : 29 Oct 2025 14:28
 Operator : SY/MD
 Sample : VT1029WBS01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1029WBS01

Quant Time: Oct 30 08:46:42 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	7.559	168	156468	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.552	114	261103	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	209867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.934	152	104881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.941	65	117206	46.570	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.140%	
35) Dibromofluoromethane	7.471	113	83033	50.280	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.560%	
50) Toluene-d8	10.233	98	329835	49.184	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.360%	
62) 4-Bromofluorobenzene	12.865	95	100282	47.567	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.140%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.872	85	15603	16.933	ug/l	97
3) Chloromethane	2.095	50	28261	19.900	ug/l	99
4) Vinyl Chloride	2.189	62	36075	19.859	ug/l	98
5) Bromomethane	2.530	94	29084	29.723	ug/l	94
6) Chloroethane	2.671	64	31933	19.374	ug/l	95
7) Trichlorofluoromethane	2.971	101	66665	19.821	ug/l	95
8) Diethyl Ether	3.341	74	32099	19.899	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.664	101	29475	18.063	ug/l	94
10) Methyl Iodide	3.846	142	25088	18.990	ug/l	96
11) Tert butyl alcohol	4.639	59	57735	107.924	ug/l	100
12) 1,1-Dichloroethene	3.646	96	25202	16.716	ug/l	95
13) Acrolein	3.523	56	7491	82.084	ug/l	98
14) Allyl chloride	4.204	41	57809	19.441	ug/l #	90
15) Acrylonitrile	4.821	53	131102	100.488	ug/l	99
16) Acetone	3.723	43	153464	96.450	ug/l	98
17) Carbon Disulfide	3.940	76	39391	19.222	ug/l	99
18) Methyl Acetate	4.199	43	94825	21.411	ug/l	96
19) Methyl tert-butyl Ether	4.880	73	135530	19.901	ug/l	100
20) Methylene Chloride	4.410	84	34137	20.288	ug/l	92
21) trans-1,2-Dichloroethene	4.874	96	25535	19.887	ug/l	95
22) Diisopropyl ether	5.779	45	138020	19.552	ug/l #	97
23) Vinyl Acetate	5.720	43	489647	97.090	ug/l	99
24) 1,1-Dichloroethane	5.673	63	67480	20.434	ug/l	98
25) 2-Butanone	6.672	43	186195	96.724	ug/l	98
26) 2,2-Dichloropropane	6.666	77	56457	19.813	ug/l	99
27) cis-1,2-Dichloroethene	6.660	96	36480	20.246	ug/l	99
28) Bromochloromethane	7.054	49	34470	19.531	ug/l #	97
29) Tetrahydrofuran	7.072	42	112026	100.020	ug/l	91
30) Chloroform	7.242	83	61929	20.031	ug/l	98
31) Cyclohexane	7.542	56	46979	19.131	ug/l	93
32) 1,1,1-Trichloroethane	7.448	97	49909	20.279	ug/l	98
36) 1,1-Dichloropropene	7.689	75	37144	19.997	ug/l	99
37) Ethyl Acetate	6.778	43	66352	20.983	ug/l	97
38) Carbon Tetrachloride	7.665	117	35193	20.837	ug/l	96
39) Methylcyclohexane	9.099	83	42363	20.640	ug/l	93
40) Benzene	7.953	78	128127	20.377	ug/l	96

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41) Methacrylonitrile	7.019	41	31350	19.707	ug/l	93
42) 1,2-Dichloroethane	8.047	62	45463	20.575	ug/l	99
43) Isopropyl Acetate	8.094	43	103201	20.525	ug/l	97
44) Trichloroethene	8.829	130	25524	20.766	ug/l	96
45) 1,2-Dichloropropane	9.140	63	32370	20.233	ug/l	93
46) Dibromomethane	9.240	93	19277	20.020	ug/l	95
47) Bromodichloromethane	9.463	83	43690	20.126	ug/l	97
48) Methyl methacrylate	9.234	41	45345	20.078	ug/l	90
49) 1,4-Dioxane	9.240	88	17801	419.641	ug/l	94
51) 4-Methyl-2-Pentanone	10.109	43	303396	100.188	ug/l	97
52) Toluene	10.303	92	74232	20.660	ug/l	98
53) t-1,3-Dichloropropene	10.562	75	47627	20.270	ug/l	98
54) cis-1,3-Dichloropropene	9.945	75	50263	20.659	ug/l	93
55) 1,1,2-Trichloroethane	10.762	97	30017	21.182	ug/l	96
56) Ethyl methacrylate	10.615	69	56191	20.634	ug/l	92
57) 1,3-Dichloropropane	10.932	76	52542	20.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.786	63	69231	94.462	ug/l	97
59) 2-Hexanone	10.979	43	226590	98.771	ug/l	95
60) Dibromochloromethane	11.155	129	29346	20.540	ug/l	99
61) 1,2-Dibromoethane	11.273	107	27458	20.809	ug/l	100
64) Tetrachloroethene	10.844	164	19680	20.631	ug/l	89
65) Chlorobenzene	11.755	112	78179	20.755	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.843	131	25757	19.972	ug/l	96
67) Ethyl Benzene	11.843	91	143438	20.367	ug/l	95
68) m/p-Xylenes	11.972	106	106720	41.024	ug/l	99
69) o-Xylene	12.342	106	53367	20.639	ug/l	100
70) Styrene	12.360	104	93786	20.142	ug/l	97
71) Bromoform	12.554	173	20451	20.739	ug/l #	99
73) Isopropylbenzene	12.689	105	145099	20.096	ug/l	98
74) N-amyl acetate	12.477	43	70872	19.459	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.977	83	50042	20.227	ug/l	96
76) 1,2,3-Trichloropropane	13.030	75	37981m	17.598	ug/l	
77) Bromobenzene	13.006	156	30801	20.106	ug/l	93
78) n-propylbenzene	13.077	91	173084	20.178	ug/l	97
79) 2-Chlorotoluene	13.171	91	98803	20.105	ug/l	98
80) 1,3,5-Trimethylbenzene	13.235	105	116406	20.072	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.742	75	18642	20.267	ug/l	94
82) 4-Chlorotoluene	13.282	91	102695	20.535	ug/l	97
83) tert-Butylbenzene	13.535	119	109301	20.362	ug/l	95
84) 1,2,4-Trimethylbenzene	13.582	105	116868	19.842	ug/l	98
85) sec-Butylbenzene	13.735	105	161392	20.498	ug/l	95
86) p-Isopropyltoluene	13.864	119	131429	19.993	ug/l	98
87) 1,3-Dichlorobenzene	13.864	146	63316	20.144	ug/l	99
88) 1,4-Dichlorobenzene	13.958	146	64149	20.261	ug/l	98
89) n-Butylbenzene	14.234	91	121636	20.032	ug/l	96
90) Hexachloroethane	14.540	117	19769	19.493	ug/l	92
91) 1,2-Dichlorobenzene	14.287	146	62967	20.449	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.992	75	10588	19.845	ug/l	99
93) 1,2,4-Trichlorobenzene	15.773	180	40513	20.457	ug/l	97
94) Hexachlorobutadiene	15.897	225	16670	20.409	ug/l	97
95) Naphthalene	16.067	128	137474	19.825	ug/l	99
96) 1,2,3-Trichlorobenzene	16.296	180	39594	20.265	ug/l	100

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

