

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019203.D
 Acq On : 29 Oct 2025 14:51
 Operator : SY/MD
 Sample : VT1029WBSD01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1029WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 08:47:23 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

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

Internal Standards						
1) Pentafluorobenzene	7.559	168	151342	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.552	114	258171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.731	117	206054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.934	152	100769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	117140	48.120	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.240%	
35) Dibromofluoromethane	7.477	113	81204	49.731	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.460%	
50) Toluene-d8	10.233	98	322599	48.651	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.300%	
62) 4-Bromofluorobenzene	12.865	95	97021	46.543	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.080%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.872	85	18024	20.223	ug/l	99
3) Chloromethane	2.101	50	29295m	21.327	ug/l	
4) Vinyl Chloride	2.189	62	37807	21.517	ug/l	99
5) Bromomethane	2.530	94	27171	28.708	ug/l	96
6) Chloroethane	2.671	64	31060	19.483	ug/l	99
7) Trichlorofluoromethane	2.976	101	66419	20.417	ug/l	97
8) Diethyl Ether	3.341	74	33403	21.409	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.670	101	28195	17.864	ug/l	93
10) Methyl Iodide	3.846	142	23019	18.014	ug/l	99
11) Tert butyl alcohol	4.639	59	59688	115.353	ug/l	100
12) 1,1-Dichloroethene	3.646	96	25552	17.522	ug/l	97
13) Acrolein	3.529	56	7925	89.781	ug/l	100
14) Allyl chloride	4.199	41	57633	20.039	ug/l #	89
15) Acrylonitrile	4.821	53	133105	105.479	ug/l	99
16) Acetone	3.723	43	148823	96.728	ug/l	100
17) Carbon Disulfide	3.946	76	39687	20.022	ug/l	97
18) Methyl Acetate	4.204	43	98415	22.974	ug/l	96
19) Methyl tert-butyl Ether	4.886	73	134296	20.388	ug/l	98
20) Methylene Chloride	4.410	84	33363	20.500	ug/l	93
21) trans-1,2-Dichloroethene	4.874	96	24967	20.104	ug/l	93
22) Diisopropyl ether	5.779	45	136434	19.982	ug/l	97
23) Vinyl Acetate	5.720	43	478134	98.019	ug/l	98
24) 1,1-Dichloroethane	5.673	63	64963	20.338	ug/l	99
25) 2-Butanone	6.678	43	187764	100.843	ug/l	98
26) 2,2-Dichloropropane	6.660	77	55251	20.046	ug/l	99
27) cis-1,2-Dichloroethene	6.666	96	34669	19.893	ug/l	96
28) Bromochloromethane	7.048	49	34582	20.258	ug/l #	98
29) Tetrahydrofuran	7.072	42	112821	104.142	ug/l	90
30) Chloroform	7.236	83	60497	20.230	ug/l	98
31) Cyclohexane	7.536	56	45592	19.195	ug/l #	87
32) 1,1,1-Trichloroethane	7.454	97	49544	20.813	ug/l	99
36) 1,1-Dichloropropene	7.689	75	36460	19.851	ug/l	98
37) Ethyl Acetate	6.772	43	63838	20.418	ug/l	96
38) Carbon Tetrachloride	7.671	117	33776	20.225	ug/l	96
39) Methylcyclohexane	9.099	83	40273	19.845	ug/l	95
40) Benzene	7.959	78	124280	19.989	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.019	41	34429	21.888	ug/l	95
42) 1,2-Dichloroethane	8.047	62	45853	20.987	ug/l	98
43) Isopropyl Acetate	8.094	43	103500	20.818	ug/l	98
44) Trichloroethene	8.829	130	25275	20.797	ug/l	88
45) 1,2-Dichloropropane	9.140	63	32029	20.247	ug/l	98
46) Dibromomethane	9.246	93	18757	19.701	ug/l	93
47) Bromodichloromethane	9.457	83	43621	20.322	ug/l	100
48) Methyl methacrylate	9.234	41	46118	20.652	ug/l	91
49) 1,4-Dioxane	9.240	88	18502	441.120	ug/l	97
51) 4-Methyl-2-Pentanone	10.109	43	302901	101.160	ug/l	97
52) Toluene	10.303	92	70772	19.921	ug/l	96
53) t-1,3-Dichloropropene	10.562	75	46967	20.217	ug/l	94
54) cis-1,3-Dichloropropene	9.951	75	48354	20.100	ug/l	97
55) 1,1,2-Trichloroethane	10.768	97	29735	21.221	ug/l	96
56) Ethyl methacrylate	10.615	69	55572	20.638	ug/l	91
57) 1,3-Dichloropropane	10.932	76	51215	20.595	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.786	63	66892	92.307	ug/l	100
59) 2-Hexanone	10.979	43	226222	99.731	ug/l	94
60) Dibromochloromethane	11.155	129	28551	20.210	ug/l	97
61) 1,2-Dibromoethane	11.273	107	26778	20.524	ug/l	98
64) Tetrachloroethene	10.844	164	19383	20.695	ug/l	97
65) Chlorobenzene	11.760	112	76301	20.631	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	25454	20.103	ug/l	97
67) Ethyl Benzene	11.849	91	137794	19.928	ug/l	99
68) m/p-Xylenes	11.972	106	101932	39.909	ug/l	98
69) o-Xylene	12.348	106	51148	20.147	ug/l	100
70) Styrene	12.366	104	91740	20.067	ug/l	97
71) Bromoform	12.554	173	19929	20.583	ug/l #	99
73) Isopropylbenzene	12.689	105	138874	20.019	ug/l	97
74) N-amyl acetate	12.477	43	68764	19.651	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.977	83	48308	20.323	ug/l	97
76) 1,2,3-Trichloropropane	13.035	75	39022m	18.818	ug/l	
77) Bromobenzene	13.006	156	29551	20.077	ug/l	90
78) n-propylbenzene	13.077	91	163451	19.832	ug/l	97
79) 2-Chlorotoluene	13.176	91	95192	20.161	ug/l	99
80) 1,3,5-Trimethylbenzene	13.235	105	112288	20.152	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	17851	20.199	ug/l	93
82) 4-Chlorotoluene	13.282	91	96732	20.132	ug/l	99
83) tert-Butylbenzene	13.535	119	103718	20.111	ug/l	97
84) 1,2,4-Trimethylbenzene	13.582	105	113660	20.085	ug/l	96
85) sec-Butylbenzene	13.735	105	152157	20.114	ug/l	97
86) p-Isopropyltoluene	13.864	119	126106	19.966	ug/l	98
87) 1,3-Dichlorobenzene	13.864	146	60334	19.979	ug/l	99
88) 1,4-Dichlorobenzene	13.958	146	63493	20.872	ug/l	99
89) n-Butylbenzene	14.234	91	116717	20.007	ug/l	98
90) Hexachloroethane	14.546	117	19283	19.790	ug/l	91
91) 1,2-Dichlorobenzene	14.293	146	61507	20.790	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.992	75	10451	20.387	ug/l	97
93) 1,2,4-Trichlorobenzene	15.779	180	39561	20.792	ug/l	99
94) Hexachlorobutadiene	15.903	225	15638	19.927	ug/l	97
95) Naphthalene	16.067	128	142804	21.434	ug/l	98
96) 1,2,3-Trichlorobenzene	16.296	180	40215	21.422	ug/l	98

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

