

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
 Data File : VT019213.D
 Acq On : 30 Oct 2025 12:25
 Operator : SY/MD
 Sample : VT1030WBSD01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1030WBSD01

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/31/2025
 Supervised By :Mahesh Dadoda 10/31/2025

Quant Time: Oct 31 01:18:10 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	7.601	168	153294	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.594	114	257751	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.767	117	208957	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.970	152	103824	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.983	65	114563	46.462	ug/l	0.05
Spiked Amount 50.000			Recovery	=	92.920%	
35) Dibromofluoromethane	7.518	113	81174	49.794	ug/l	0.05
Spiked Amount 50.000			Recovery	=	99.580%	
50) Toluene-d8	10.268	98	320630	48.433	ug/l	0.04
Spiked Amount 50.000			Recovery	=	96.860%	
62) 4-Bromofluorobenzene	12.895	95	98147	47.159	ug/l	0.04
Spiked Amount 50.000			Recovery	=	94.320%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.890	85	16556	18.339	ug/l	96
3) Chloromethane	2.119	50	27989m	20.117	ug/l	
4) Vinyl Chloride	2.207	62	32129	18.053	ug/l	99
5) Bromomethane	2.554	94	26768	27.922	ug/l	83
6) Chloroethane	2.695	64	27641	17.118	ug/l	93
7) Trichlorofluoromethane	3.000	101	63598	19.301	ug/l	98
8) Diethyl Ether	3.376	74	32045	20.277	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.699	101	27897	17.450	ug/l	90
10) Methyl Iodide	3.887	142	22169	17.128	ug/l #	87
11) Tert butyl alcohol	4.698	59	57986	110.637	ug/l	100
12) 1,1-Dichloroethene	3.682	96	24061	16.289	ug/l	97
13) Acrolein	3.552	56	8061	90.159	ug/l	94
14) Allyl chloride	4.240	41	55297	18.982	ug/l	89
15) Acrylonitrile	4.869	53	126827	99.224	ug/l	99
16) Acetone	3.758	43	145481	93.000	ug/l	100
17) Carbon Disulfide	3.981	76	36580	18.220	ug/l	98
18) Methyl Acetate	4.246	43	97454	22.460	ug/l	95
19) Methyl tert-butyl Ether	4.927	73	128827	19.309	ug/l	98
20) Methylene Chloride	4.457	84	32313	19.602	ug/l	94
21) trans-1,2-Dichloroethene	4.916	96	23127	18.385	ug/l	91
22) Diisopropyl ether	5.832	45	129452	18.718	ug/l	97
23) Vinyl Acetate	5.768	43	456899	92.473	ug/l	99
24) 1,1-Dichloroethane	5.721	63	61466	18.998	ug/l	99
25) 2-Butanone	6.719	43	180384	95.645	ug/l	95
26) 2,2-Dichloropropane	6.713	77	52901	18.949	ug/l	98
27) cis-1,2-Dichloroethene	6.713	96	35235	19.960	ug/l	99
28) Bromochloromethane	7.095	49	34108	19.726	ug/l #	99
29) Tetrahydrofuran	7.119	42	107676	98.127	ug/l	90
30) Chloroform	7.289	83	60119	19.848	ug/l	97
31) Cyclohexane	7.583	56	43767	18.192	ug/l #	84
32) 1,1,1-Trichloroethane	7.501	97	47964	19.893	ug/l	99
36) 1,1-Dichloropropene	7.736	75	35832	19.541	ug/l	97
37) Ethyl Acetate	6.819	43	65835	21.091	ug/l	97
38) Carbon Tetrachloride	7.712	117	33466	20.072	ug/l	97
39) Methylcyclohexane	9.140	83	38223	18.866	ug/l	95
40) Benzene	7.994	78	120409	19.398	ug/l	98

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41) Methacrylonitrile	7.066	41	30845	19.641	ug/l	96
42) 1,2-Dichloroethane	8.088	62	43939	20.144	ug/l	100
43) Isopropyl Acetate	8.135	43	97540	19.651	ug/l #	89
44) Trichloroethene	8.870	130	23211	19.130	ug/l	97
45) 1,2-Dichloropropane	9.181	63	31078	19.678	ug/l	98
46) Dibromomethane	9.275	93	18790	19.768	ug/l	94
47) Bromodichloromethane	9.493	83	42175	19.681	ug/l	97
48) Methyl methacrylate	9.269	41	43614	19.562	ug/l	89
49) 1,4-Dioxane	9.275	88	17632	421.062	ug/l	95
51) 4-Methyl-2-Pentanone	10.145	43	300992	100.687	ug/l	98
52) Toluene	10.339	92	70999	20.018	ug/l	97
53) t-1,3-Dichloropropene	10.597	75	46045	19.852	ug/l	97
54) cis-1,3-Dichloropropene	9.986	75	47569	19.806	ug/l	95
55) 1,1,2-Trichloroethane	10.803	97	29022	20.746	ug/l	98
56) Ethyl methacrylate	10.650	69	53672	19.965	ug/l	94
57) 1,3-Dichloropropane	10.967	76	49685	20.012	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.822	63	66131	91.406	ug/l	97
59) 2-Hexanone	11.014	43	224068	98.942	ug/l	95
60) Dibromochloromethane	11.191	129	28977	20.545	ug/l	100
61) 1,2-Dibromoethane	11.308	107	26973	20.707	ug/l	98
64) Tetrachloroethene	10.879	164	18751	19.742	ug/l	95
65) Chlorobenzene	11.796	112	74624	19.897	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.884	131	25644	19.971	ug/l	96
67) Ethyl Benzene	11.884	91	135823	19.370	ug/l	99
68) m/p-Xylenes	12.007	106	100292	38.721	ug/l	100
69) o-Xylene	12.378	106	50991	19.806	ug/l	100
70) Styrene	12.401	104	89201	19.241	ug/l	98
71) Bromoform	12.583	173	20308	20.683	ug/l #	100
73) Isopropylbenzene	12.724	105	136970	19.164	ug/l	98
74) N-amyl acetate	12.513	43	69156	19.182	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.012	83	50133	20.470	ug/l	96
76) 1,2,3-Trichloropropane	13.071	75	39522m	18.498	ug/l	
77) Bromobenzene	13.041	156	30488	20.104	ug/l	97
78) n-propylbenzene	13.112	91	162243	19.106	ug/l	97
79) 2-Chlorotoluene	13.212	91	94864	19.500	ug/l	97
80) 1,3,5-Trimethylbenzene	13.271	105	111705	19.458	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.783	75	18282m	20.078	ug/l	
82) 4-Chlorotoluene	13.318	91	95417	19.274	ug/l	98
83) tert-Butylbenzene	13.570	119	103660	19.508	ug/l	97
84) 1,2,4-Trimethylbenzene	13.623	105	113799	19.518	ug/l	97
85) sec-Butylbenzene	13.770	105	151753	19.470	ug/l	95
86) p-Isopropyltoluene	13.899	119	126132	19.383	ug/l	98
87) 1,3-Dichlorobenzene	13.905	146	61343	19.715	ug/l	98
88) 1,4-Dichlorobenzene	13.993	146	62490	19.938	ug/l	99
89) n-Butylbenzene	14.269	91	116852	19.440	ug/l	96
90) Hexachloroethane	14.581	117	20087	20.008	ug/l	92
91) 1,2-Dichlorobenzene	14.328	146	61662	20.229	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.022	75	10945	20.723	ug/l	96
93) 1,2,4-Trichlorobenzene	15.821	180	38779	19.781	ug/l	97
94) Hexachlorobutadiene	15.944	225	16043	19.841	ug/l	97
95) Naphthalene	16.114	128	141704	20.643	ug/l	98
96) 1,2,3-Trichlorobenzene	16.344	180	39319	20.329	ug/l	99

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

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