

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019147.D
 Acq On : 3 Oct 2025 15:59
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 04 01:23:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 01:21:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/06/2025
 Supervised By :Semsettin Yesilyurt 10/06/2025

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	231372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	440410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.720	117	371878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	182817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	15187	5.032	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.060%	
35) Dibromofluoromethane	7.454	113	11822	5.045	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.100%	
50) Toluene-d8	10.221	98	30240	5.035	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.080%	
62) 4-Bromofluorobenzene	12.848	95	17421	5.541	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	6603	4.339	ug/l	95
3) Chloromethane	2.084	50	16030m	5.175	ug/l	
4) Vinyl Chloride	2.172	62	11350	5.087	ug/l	95
5) Bromomethane	2.495	94	3443	4.578	ug/l	95
6) Chloroethane	2.630	64	6880	4.749	ug/l	95
7) Trichlorofluoromethane	2.941	101	14072	4.862	ug/l	98
8) Diethyl Ether	3.317	74	10689	5.323	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.635	101	9233	4.930	ug/l	92
10) Methyl Iodide	3.823	142	10809	3.607	ug/l	95
11) Tert butyl alcohol	4.639	59	29838	25.105	ug/l #	85
12) 1,1-Dichloroethene	3.617	96	11125	5.036	ug/l	84
13) Acrolein	3.505	56	10487	44.849	ug/l	98
14) Allyl chloride	4.169	41	35047	5.113	ug/l	97
15) Acrylonitrile	4.798	53	74330	26.673	ug/l	99
16) Acetone	3.705	43	93395	28.477	ug/l	96
17) Carbon Disulfide	3.911	76	28481	4.915	ug/l	97
18) Methyl Acetate	4.181	43	36570	4.859	ug/l	97
19) Methyl tert-butyl Ether	4.857	73	67765	5.171	ug/l	99
20) Methylene Chloride	4.387	84	23247	4.203	ug/l	96
21) trans-1,2-Dichloroethene	4.845	96	13989	5.159	ug/l	86
22) Diisopropyl ether	5.756	45	74365	5.262	ug/l	98
23) Vinyl Acetate	5.697	43	302284	26.767	ug/l	98
24) 1,1-Dichloroethane	5.650	63	32795	5.224	ug/l	98
25) 2-Butanone	6.655	43	115510	27.121	ug/l	98
26) 2,2-Dichloropropane	6.643	77	22711	5.015	ug/l	97
27) cis-1,2-Dichloroethene	6.643	96	19226	5.282	ug/l	98
28) Bromochloromethane	7.031	49	11881	3.916	ug/l #	100
29) Tetrahydrofuran	7.054	42	70451	26.308	ug/l	98
30) Chloroform	7.219	83	30446	5.191	ug/l	92
31) Cyclohexane	7.518	56	22798	5.878	ug/l #	86
32) 1,1,1-Trichloroethane	7.430	97	20976	5.052	ug/l	99
36) 1,1-Dichloropropene	7.665	75	17708	4.965	ug/l	94
37) Ethyl Acetate	6.755	43	41888	5.004	ug/l	99
38) Carbon Tetrachloride	7.648	117	11785	4.427	ug/l	91
39) Methylcyclohexane	9.081	83	13957	4.435	ug/l	97
40) Benzene	7.936	78	63297	4.886	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.001	41	19097	4.915	ug/l	95
42) 1,2-Dichloroethane	8.030	62	26725	5.005	ug/l	99
43) Isopropyl Acetate	8.083	43	57385	4.919	ug/l	99
44) Trichloroethene	8.811	130	13044	4.960	ug/l	100
45) 1,2-Dichloropropane	9.128	63	15648	4.900	ug/l	96
46) Dibromomethane	9.222	93	10481	4.854	ug/l	99
47) Bromodichloromethane	9.446	83	19334	4.703	ug/l	96
48) Methyl methacrylate	9.217	41	26451	4.888	ug/l	98
49) 1,4-Dioxane	9.222	88	9722	99.452	ug/l	96
51) 4-Methyl-2-Pentanone	10.098	43	170634	24.992	ug/l	97
52) Toluene	10.292	92	35944	4.920	ug/l	100
53) t-1,3-Dichloropropene	10.550	75	21684	4.693	ug/l	100
54) cis-1,3-Dichloropropene	9.933	75	23497	4.758	ug/l	95
55) 1,1,2-Trichloroethane	10.750	97	14543	4.932	ug/l	96
56) Ethyl methacrylate	10.603	69	25881	4.703	ug/l	98
57) 1,3-Dichloropropane	10.915	76	26266	4.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.775	63	50743	23.726	ug/l	100
59) 2-Hexanone	10.967	43	129470	24.815	ug/l	99
60) Dibromochloromethane	11.138	129	11894	4.553	ug/l	100
61) 1,2-Dibromoethane	11.261	107	13876	4.768	ug/l	97
64) Tetrachloroethene	10.826	164	10165	4.915	ug/l	95
65) Chlorobenzene	11.749	112	40194	4.943	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.837	131	10716	4.502	ug/l	94
67) Ethyl Benzene	11.837	91	65691	4.943	ug/l	99
68) m/p-Xylenes	11.960	106	49826	9.644	ug/l	97
69) o-Xylene	12.331	106	25537	4.822	ug/l	99
70) Styrene	12.354	104	44625	4.886	ug/l	99
71) Bromoform	12.542	173	7080	5.667	ug/l #	97
73) Isopropylbenzene	12.677	105	57945	4.955	ug/l	100
74) N-amyl acetate	12.466	43	36044	4.810	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.965	83	22767	5.054	ug/l	98
76) 1,2,3-Trichloropropane	13.018	75	21715m	5.366	ug/l	
77) Bromobenzene	12.995	156	16281	4.868	ug/l	100
78) n-propylbenzene	13.065	91	68032	5.030	ug/l	99
79) 2-Chlorotoluene	13.159	91	45346	5.041	ug/l	98
80) 1,3,5-Trimethylbenzene	13.224	105	50784	5.038	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	5862	4.067	ug/l #	80
82) 4-Chlorotoluene	13.271	91	47498	5.020	ug/l	99
83) tert-Butylbenzene	13.523	119	41756	4.981	ug/l	98
84) 1,2,4-Trimethylbenzene	13.576	105	52841	4.993	ug/l	97
85) sec-Butylbenzene	13.729	105	54642	4.859	ug/l	100
86) p-Isopropyltoluene	13.858	119	49022	4.812	ug/l	99
87) 1,3-Dichlorobenzene	13.858	146	30963	4.975	ug/l	99
88) 1,4-Dichlorobenzene	13.946	146	32023	4.953	ug/l	95
89) n-Butylbenzene	14.228	91	40737	4.823	ug/l	97
90) Hexachloroethane	14.540	117	4068	6.600	ug/l	93
91) 1,2-Dichlorobenzene	14.281	146	29968	5.082	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.975	75	4343	4.626	ug/l	95
93) 1,2,4-Trichlorobenzene	15.774	180	18160	4.744	ug/l	98
94) Hexachlorobutadiene	15.891	225	5481	6.112	ug/l	98
95) Naphthalene	16.056	128	65594	4.775	ug/l	98
96) 1,2,3-Trichlorobenzene	16.291	180	18427	4.802	ug/l	99

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

