

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019146.D
 Acq On : 3 Oct 2025 15:10
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 04 01:40:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T100325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 04 01:39:53 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	7.536	168	294255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	484000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.714	117	390220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	183789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000		Recovery	=	0.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.860	85	2103	1.086	ug/l	95
3) Chloromethane	2.078	50	4302m	1.228	ug/l	
4) Vinyl Chloride	2.172	62	2806	0.989	ug/l #	81
6) Chloroethane	2.659	64	2187	1.718	ug/l #	86
7) Trichlorofluoromethane	2.953	101	4524	1.229	ug/l	95
8) Diethyl Ether	3.323	74	2145	0.840	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.652	101	2978m	1.380	ug/l	
12) 1,1-Dichloroethene	3.629	96	2932	1.044	ug/l #	94
14) Allyl chloride	4.175	41	8923	1.024	ug/l	93
15) Acrylonitrile	4.792	53	15490	4.371	ug/l	99
16) Acetone	3.705	43	26451	6.342	ug/l	97
17) Carbon Disulfide	3.923	76	10197	1.384	ug/l	98
18) Methyl Acetate	4.181	43	7797	0.815	ug/l	96
19) Methyl tert-butyl Ether	4.863	73	14367	0.862	ug/l	96
20) Methylene Chloride	4.387	84	8270	1.482	ug/l #	89
21) trans-1,2-Dichloroethene	4.845	96	3663	1.062	ug/l	91
22) Diisopropyl ether	5.756	45	15717	0.875	ug/l	99
23) Vinyl Acetate	5.697	43	59190	4.121	ug/l	100
24) 1,1-Dichloroethane	5.656	63	7306	0.915	ug/l #	84
25) 2-Butanone	6.655	43	27070	4.998	ug/l	96
26) 2,2-Dichloropropane	6.637	77	5811	1.009	ug/l	90
27) cis-1,2-Dichloroethene	6.637	96	4093	0.884	ug/l	88
28) Bromochloromethane	7.025	49	2599	0.925	ug/l #	98
29) Tetrahydrofuran	7.060	42	14649	4.301	ug/l	98
30) Chloroform	7.225	83	6656	0.892	ug/l	94
32) 1,1,1-Trichloroethane	7.424	97	5119	0.969	ug/l #	53
36) 1,1-Dichloropropene	7.665	75	4795	1.223	ug/l	93
37) Ethyl Acetate	6.755	43	8991	0.977	ug/l #	94
38) Carbon Tetrachloride	7.642	117	2908	0.994	ug/l	91
39) Methylcyclohexane	9.081	83	4771	1.379	ug/l	88
40) Benzene	7.941	78	14278	1.003	ug/l	97
41) Methacrylonitrile	7.001	41	4662	1.092	ug/l #	91
42) 1,2-Dichloroethane	8.024	62	5685	0.969	ug/l	95
43) Isopropyl Acetate	8.077	43	11849	0.924	ug/l	96
44) Trichloroethene	8.811	130	3283	1.136	ug/l	91
45) 1,2-Dichloropropane	9.128	63	3352	0.955	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.222	93	2222	0.936	ug/l	97
47) Bromodichloromethane	9.446	83	4068	0.900	ug/l	92
48) Methyl methacrylate	9.216	41	5318	0.894	ug/l	97
49) 1,4-Dioxane	9.228	88	2087	19.426	ug/l #	91
51) 4-Methyl-2-Pentanone	10.098	43	35819	4.774	ug/l	96
52) Toluene	10.286	92	8490	1.057	ug/l	100
53) t-1,3-Dichloropropene	10.550	75	4781	0.942	ug/l #	81
54) cis-1,3-Dichloropropene	9.933	75	5233	0.964	ug/l	92
55) 1,1,2-Trichloroethane	10.750	97	3078	0.950	ug/l	95
56) Ethyl methacrylate	10.597	69	4885	0.808	ug/l	89
57) 1,3-Dichloropropane	10.915	76	5535	0.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.775	63	10226	4.351	ug/l	99
59) 2-Hexanone	10.967	43	28965	5.052	ug/l	99
60) Dibromochloromethane	11.138	129	2211	0.770	ug/l	97
61) 1,2-Dibromoethane	11.255	107	3090	0.966	ug/l	97
64) Tetrachloroethene	10.832	164	2692	1.241	ug/l	91
65) Chlorobenzene	11.743	112	10036	1.176	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.825	131	2138	0.856	ug/l #	64
67) Ethyl Benzene	11.837	91	15791	1.132	ug/l	99
68) m/p-Xylenes	11.960	106	12196	2.250	ug/l	98
69) o-Xylene	12.331	106	6171	1.110	ug/l	92
70) Styrene	12.348	104	9890	1.032	ug/l	97
71) Bromoform	12.536	173	1234	2.976	ug/l #	90
73) Isopropylbenzene	12.677	105	13822	1.176	ug/l	100
74) N-amyl acetate	12.466	43	6744	0.895	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.965	83	4818	1.064	ug/l	91
76) 1,2,3-Trichloropropane	13.018	75	4283m	0.987	ug/l	
77) Bromobenzene	12.989	156	3999	1.189	ug/l	94
78) n-propylbenzene	13.059	91	16284	1.198	ug/l	100
79) 2-Chlorotoluene	13.165	91	10745	1.188	ug/l	94
80) 1,3,5-Trimethylbenzene	13.224	105	11552	1.140	ug/l	96
82) 4-Chlorotoluene	13.271	91	12035	1.265	ug/l	100
83) tert-Butylbenzene	13.523	119	10110	1.200	ug/l	96
84) 1,2,4-Trimethylbenzene	13.576	105	12051	1.133	ug/l	98
85) sec-Butylbenzene	13.723	105	14018	1.240	ug/l	97
86) p-Isopropyltoluene	13.852	119	11870	1.159	ug/l	99
87) 1,3-Dichlorobenzene	13.852	146	7668	1.226	ug/l	96
88) 1,4-Dichlorobenzene	13.946	146	8894m	1.413	ug/l	
89) n-Butylbenzene	14.228	91	10868	1.280	ug/l	97
90) Hexachloroethane	14.546	117	891	4.472	ug/l	74
91) 1,2-Dichlorobenzene	14.275	146	6698	1.130	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.986	75	934	0.990	ug/l	79
93) 1,2,4-Trichlorobenzene	15.774	180	5319	1.382	ug/l	98
94) Hexachlorobutadiene	15.891	225	1715	2.794	ug/l	97
95) Naphthalene	16.056	128	17679	1.280	ug/l	98
96) 1,2,3-Trichlorobenzene	16.291	180	5067	1.313	ug/l	94

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

