

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019193.D
 Acq On : 29 Oct 2025 9:22
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC005

Quant Time: Oct 30 08:27:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:20:05 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	7.553	168	151585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.546	114	264847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.725	117	206510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	96589	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.935	65	13260	5.438	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.880%	
35) Dibromofluoromethane	7.465	113	7746	4.624	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.240%	
50) Toluene-d8	10.227	98	34019	5.001	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.000%	
62) 4-Bromofluorobenzene	12.853	95	11833	5.533	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.060%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	4561	5.109	ug/l	99
3) Chloromethane	2.107	50	7394m	5.308	ug/l	
4) Vinyl Chloride	2.189	62	9014	5.122	ug/l	98
5) Bromomethane	2.524	94	6308	6.523	ug/l	97
6) Chloroethane	2.659	64	9463	5.926	ug/l	92
7) Trichlorofluoromethane	2.965	101	19153	5.878	ug/l	95
8) Diethyl Ether	3.335	74	8464	5.416	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.652	101	9610	6.079	ug/l	93
10) Methyl Iodide	3.840	142	5403	4.222	ug/l #	95
11) Tert butyl alcohol	4.639	59	15409	29.732	ug/l #	81
12) 1,1-Dichloroethene	3.640	96	8419	5.764	ug/l	91
13) Acrolein	3.511	56	2881	32.586	ug/l	95
14) Allyl chloride	4.193	41	15172	5.267	ug/l	92
15) Acrylonitrile	4.810	53	32848	25.989	ug/l	98
16) Acetone	3.717	43	65365	36.762	ug/l	98
17) Carbon Disulfide	3.934	76	11354	5.719	ug/l #	95
18) Methyl Acetate	4.199	43	14975	3.490	ug/l	98
19) Methyl tert-butyl Ether	4.880	73	34716	5.262	ug/l	91
20) Methylene Chloride	4.416	84	9293	5.701	ug/l #	83
21) trans-1,2-Dichloroethene	4.862	96	6415	5.157	ug/l	94
22) Diisopropyl ether	5.773	45	36002	5.264	ug/l	99
23) Vinyl Acetate	5.714	43	134652	27.560	ug/l	99
24) 1,1-Dichloroethane	5.667	63	16738	5.232	ug/l	97
25) 2-Butanone	6.666	43	57623	30.898	ug/l	99
26) 2,2-Dichloropropane	6.655	77	14309	5.183	ug/l	96
27) cis-1,2-Dichloroethene	6.660	96	8611	4.933	ug/l	90
28) Bromochloromethane	7.042	49	6784	3.968	ug/l #	99
29) Tetrahydrofuran	7.072	42	27609	25.444	ug/l	93
30) Chloroform	7.236	83	15895	5.307	ug/l	92
31) Cyclohexane	7.542	56	15591	6.554	ug/l #	79
32) 1,1,1-Trichloroethane	7.436	97	11770	4.937	ug/l	95
36) 1,1-Dichloropropene	7.683	75	9759	5.180	ug/l	98
37) Ethyl Acetate	6.766	43	15598	4.863	ug/l #	92
38) Carbon Tetrachloride	7.665	117	7975	4.655	ug/l	99
39) Methylcyclohexane	9.093	83	11128	5.345	ug/l	90
40) Benzene	7.953	78	32909	5.160	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.019	41	8860	5.488	ug/l #	91
42) 1,2-Dichloroethane	8.041	62	11387	5.081	ug/l	100
43) Isopropyl Acetate	8.088	43	26075	5.112	ug/l	98
44) Trichloroethene	8.817	130	6203	4.975	ug/l	93
45) 1,2-Dichloropropane	9.140	63	8399	5.176	ug/l	98
46) Dibromomethane	9.234	93	4987	5.106	ug/l	91
47) Bromodichloromethane	9.457	83	10713	4.865	ug/l	92
48) Methyl methacrylate	9.228	41	10843	4.733	ug/l	90
49) 1,4-Dioxane	9.228	88	4230	98.308	ug/l	91
51) 4-Methyl-2-Pentanone	10.109	43	74531	24.264	ug/l	99
52) Toluene	10.297	92	18628	5.111	ug/l	98
53) t-1,3-Dichloropropene	10.550	75	11611	4.872	ug/l	95
54) cis-1,3-Dichloropropene	9.945	75	11923	4.831	ug/l	92
55) 1,1,2-Trichloroethane	10.762	97	7057	4.909	ug/l	97
56) Ethyl methacrylate	10.609	69	13414	4.856	ug/l	92
57) 1,3-Dichloropropane	10.926	76	13346	5.231	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.780	63	22129	29.767	ug/l	96
59) 2-Hexanone	10.973	43	63292	27.199	ug/l	97
60) Dibromochloromethane	11.149	129	7058	4.870	ug/l	93
61) 1,2-Dibromoethane	11.273	107	6858	5.124	ug/l	97
64) Tetrachloroethene	10.838	164	4981	5.306	ug/l	96
65) Chlorobenzene	11.755	112	19242	5.191	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.837	131	6299	4.964	ug/l	96
67) Ethyl Benzene	11.837	91	35559	5.131	ug/l	94
68) m/p-Xylenes	11.966	106	26214	10.241	ug/l	99
69) o-Xylene	12.336	106	12614	4.958	ug/l	94
70) Styrene	12.354	104	23346	5.095	ug/l	96
71) Bromoform	12.548	173	4483	4.620	ug/l #	96
73) Isopropylbenzene	12.683	105	35042	5.270	ug/l	98
74) N-amyl acetate	12.471	43	17371	5.179	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.971	83	12195	5.352	ug/l	96
76) 1,2,3-Trichloropropane	13.024	75	9901m	4.944	ug/l	
77) Bromobenzene	13.000	156	7284	5.163	ug/l	89
78) n-propylbenzene	13.071	91	41464	5.249	ug/l	96
79) 2-Chlorotoluene	13.171	91	24549	5.424	ug/l	92
80) 1,3,5-Trimethylbenzene	13.229	105	27840	5.213	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	3930	4.639	ug/l	96
82) 4-Chlorotoluene	13.282	91	24052	5.222	ug/l	100
83) tert-Butylbenzene	13.529	119	26092	5.278	ug/l	95
84) 1,2,4-Trimethylbenzene	13.576	105	28029	5.167	ug/l	98
85) sec-Butylbenzene	13.729	105	37359	5.152	ug/l	96
86) p-Isopropyltoluene	13.864	119	30986	5.118	ug/l	97
87) 1,3-Dichlorobenzene	13.864	146	14997	5.181	ug/l	96
88) 1,4-Dichlorobenzene	13.952	146	15844	5.434	ug/l	94
89) n-Butylbenzene	14.228	91	26908	4.812	ug/l	98
90) Hexachloroethane	14.540	117	4528	4.848	ug/l	89
91) 1,2-Dichlorobenzene	14.287	146	15193	5.358	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.980	75	2407	4.899	ug/l	98
93) 1,2,4-Trichlorobenzene	15.768	180	9107	4.993	ug/l	99
94) Hexachlorobutadiene	15.891	225	4141	5.505	ug/l	90
95) Naphthalene	16.061	128	32489	5.087	ug/l	98
96) 1,2,3-Trichlorobenzene	16.290	180	9079	5.046	ug/l	91

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

