

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019149.D
 Acq On : 3 Oct 2025 16:48
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

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

Quant Time: Oct 04 01:24:41 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

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

Internal Standards						
1) Pentafluorobenzene	7.542	168	246820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.541	114	460365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.719	117	389041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	193557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	65711	20.409	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.820%	
35) Dibromofluoromethane	7.460	113	47852	19.536	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.080%	
50) Toluene-d8	10.221	98	124583	19.844	ug/l	0.00
Spiked Amount 50.000			Recovery	=	39.680%	
62) 4-Bromofluorobenzene	12.853	95	60110	18.290	ug/l	0.00
Spiked Amount 50.000			Recovery	=	36.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.860	85	34634	21.332	ug/l	93
3) Chloromethane	2.072	50	61120	18.498	ug/l	97
4) Vinyl Chloride	2.177	62	47670	20.027	ug/l	98
5) Bromomethane	2.518	94	29766	37.098	ug/l	96
6) Chloroethane	2.653	64	34218	21.406	ug/l	97
7) Trichlorofluoromethane	2.953	101	61906	20.051	ug/l	98
8) Diethyl Ether	3.323	74	42559	19.869	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.640	101	38223	19.133	ug/l	96
10) Methyl Iodide	3.828	142	66398	20.769	ug/l	98
11) Tert butyl alcohol	4.633	59	124003	97.803	ug/l	100
12) 1,1-Dichloroethene	3.629	96	46617	19.783	ug/l	98
13) Acrolein	3.505	56	10703	42.908	ug/l	97
14) Allyl chloride	4.175	41	147052	20.111	ug/l	100
15) Acrylonitrile	4.804	53	298910	100.550	ug/l	99
16) Acetone	3.711	43	312078	89.200	ug/l	99
17) Carbon Disulfide	3.922	76	112452	18.191	ug/l	99
18) Methyl Acetate	4.181	43	182214	22.693	ug/l	98
19) Methyl tert-butyl Ether	4.862	73	292171	20.901	ug/l	99
20) Methylene Chloride	4.387	84	82659	20.698	ug/l	99
21) trans-1,2-Dichloroethene	4.851	96	56372	19.488	ug/l	96
22) Diisopropyl ether	5.761	45	312813	20.751	ug/l	98
23) Vinyl Acetate	5.703	43	1258359	104.453	ug/l	99
24) 1,1-Dichloroethane	5.650	63	136829	20.430	ug/l	99
25) 2-Butanone	6.655	43	441174	97.101	ug/l	97
26) 2,2-Dichloropropane	6.643	77	97922	20.270	ug/l	100
27) cis-1,2-Dichloroethene	6.649	96	78226	20.147	ug/l	98
28) Bromochloromethane	7.031	49	76036	21.971	ug/l #	99
29) Tetrahydrofuran	7.054	42	290903	101.832	ug/l	99
30) Chloroform	7.224	83	128681	20.566	ug/l	97
31) Cyclohexane	7.524	56	79621	19.244	ug/l	97
32) 1,1,1-Trichloroethane	7.430	97	87950	19.858	ug/l	99
36) 1,1-Dichloropropene	7.671	75	69049	18.521	ug/l	99
37) Ethyl Acetate	6.760	43	169905	19.418	ug/l	99
38) Carbon Tetrachloride	7.648	117	54629	19.634	ug/l	97
39) Methylcyclohexane	9.087	83	58894	17.902	ug/l	98
40) Benzene	7.941	78	266579	19.687	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.007	41	76821	18.915	ug/l	100
42) 1,2-Dichloroethane	8.035	62	112286	20.119	ug/l	100
43) Isopropyl Acetate	8.082	43	242642	19.896	ug/l	99
44) Trichloroethene	8.811	130	51485	18.728	ug/l	99
45) 1,2-Dichloropropane	9.128	63	66628	19.960	ug/l	98
46) Dibromomethane	9.228	93	45130	19.994	ug/l	99
47) Bromodichloromethane	9.445	83	85740	19.953	ug/l	96
48) Methyl methacrylate	9.222	41	112908	19.959	ug/l	99
49) 1,4-Dioxane	9.222	88	38427	376.052	ug/l	98
51) 4-Methyl-2-Pentanone	10.098	43	715387	100.240	ug/l	98
52) Toluene	10.292	92	147851	19.361	ug/l	100
53) t-1,3-Dichloropropene	10.550	75	95858	19.848	ug/l	99
54) cis-1,3-Dichloropropene	9.933	75	103474	20.043	ug/l	99
55) 1,1,2-Trichloroethane	10.756	97	61847	20.065	ug/l	97
56) Ethyl methacrylate	10.603	69	118430	20.587	ug/l	99
57) 1,3-Dichloropropane	10.920	76	111074	19.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.774	63	219918	98.372	ug/l	100
59) 2-Hexanone	10.967	43	528087	96.827	ug/l	98
60) Dibromochloromethane	11.144	129	56350	20.634	ug/l	100
61) 1,2-Dibromoethane	11.261	107	60854	20.002	ug/l	98
64) Tetrachloroethene	10.832	164	40163	18.564	ug/l	98
65) Chlorobenzene	11.749	112	162429	19.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.837	131	49540	19.897	ug/l	98
67) Ethyl Benzene	11.837	91	261238	18.791	ug/l	99
68) m/p-Xylenes	11.960	106	204278	37.795	ug/l	98
69) o-Xylene	12.330	106	105064	18.963	ug/l	99
70) Styrene	12.348	104	183927	19.250	ug/l	99
71) Bromoform	12.542	173	36271	18.238	ug/l #	100
73) Isopropylbenzene	12.677	105	233494	18.859	ug/l	99
74) N-amyl acetate	12.466	43	160255	20.199	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.965	83	95694	20.063	ug/l	95
76) 1,2,3-Trichloropropane	13.024	75	79882m	18.644	ug/l	
77) Bromobenzene	12.994	156	67035	18.933	ug/l	100
78) n-propylbenzene	13.065	91	267003	18.647	ug/l	100
79) 2-Chlorotoluene	13.165	91	178666	18.759	ug/l	100
80) 1,3,5-Trimethylbenzene	13.223	105	201055	18.838	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	30531	20.008	ug/l	97
82) 4-Chlorotoluene	13.276	91	184712	18.438	ug/l	99
83) tert-Butylbenzene	13.523	119	163691	18.443	ug/l	98
84) 1,2,4-Trimethylbenzene	13.576	105	209364	18.684	ug/l	100
85) sec-Butylbenzene	13.729	105	218191	18.326	ug/l	99
86) p-Isopropyltoluene	13.858	119	200162	18.557	ug/l	100
87) 1,3-Dichlorobenzene	13.858	146	121677	18.467	ug/l	99
88) 1,4-Dichlorobenzene	13.946	146	121954	17.817	ug/l	98
89) n-Butylbenzene	14.228	91	159273	17.810	ug/l	100
90) Hexachloroethane	14.540	117	21351	17.367	ug/l	99
91) 1,2-Dichlorobenzene	14.281	146	120742	19.339	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.986	75	20296	20.420	ug/l	95
93) 1,2,4-Trichlorobenzene	15.768	180	72010	17.767	ug/l	100
94) Hexachlorobutadiene	15.891	225	20053	17.941	ug/l	97
95) Naphthalene	16.061	128	269631	18.541	ug/l	100
96) 1,2,3-Trichlorobenzene	16.291	180	74728	18.392	ug/l	98

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

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