

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT100325\
 Data File : VT019148.D
 Acq On : 3 Oct 2025 16:23
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 04 01:23:53 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	7.536	168	225639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.535	114	421219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.714	117	364966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.923	152	185184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.918	65	29965	10.180	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	20.360%	
35) Dibromofluoromethane	7.448	113	23092	10.303	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	20.600%	
50) Toluene-d8	10.215	98	56036	9.755	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.520%	
62) 4-Bromofluorobenzene	12.848	95	33263	11.062	ug/l	0.00
Spiked Amount 50.000			Recovery	=	22.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.854	85	13837	9.323	ug/l	95
3) Chloromethane	2.083	50	33160	10.978	ug/l	88
4) Vinyl Chloride	2.172	62	22303	10.249	ug/l	99
5) Bromomethane	2.489	94	5574	7.599	ug/l	99
6) Chloroethane	2.606	64	12618	8.448	ug/l #	86
7) Trichlorofluoromethane	2.912	101	26356	9.338	ug/l	98
8) Diethyl Ether	3.311	74	20639	10.540	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.617	101	17603	9.639	ug/l	94
10) Methyl Iodide	3.811	142	26288	8.995	ug/l	93
11) Tert butyl alcohol	4.663	59	60633	52.311	ug/l	99
12) 1,1-Dichloroethene	3.605	96	21513	9.987	ug/l	97
13) Acrolein	3.494	56	22340	97.967	ug/l	95
14) Allyl chloride	4.158	41	66683	9.976	ug/l	98
15) Acrylonitrile	4.792	53	149085	54.858	ug/l	99
16) Acetone	3.711	43	171299	53.558	ug/l	99
17) Carbon Disulfide	3.899	76	51337	9.084	ug/l	100
18) Methyl Acetate	4.181	43	72398	9.863	ug/l	99
19) Methyl tert-butyl Ether	4.857	73	137054	10.725	ug/l	100
20) Methylene Chloride	4.381	84	41370	10.034	ug/l	96
21) trans-1,2-Dichloroethene	4.833	96	26852	10.154	ug/l	98
22) Diisopropyl ether	5.762	45	147114	10.675	ug/l	94
23) Vinyl Acetate	5.691	43	616453	55.974	ug/l	98
24) 1,1-Dichloroethane	5.638	63	62666	10.235	ug/l	99
25) 2-Butanone	6.655	43	227907	54.870	ug/l	98
26) 2,2-Dichloropropane	6.631	77	43429	9.834	ug/l	100
27) cis-1,2-Dichloroethene	6.637	96	36923	10.402	ug/l	99
28) Bromochloromethane	7.025	49	23531	7.639	ug/l #	99
29) Tetrahydrofuran	7.054	42	142589	54.600	ug/l	100
30) Chloroform	7.219	83	60106	10.508	ug/l	99
31) Cyclohexane	7.518	56	38379	10.147	ug/l #	94
32) 1,1,1-Trichloroethane	7.424	97	40250	9.941	ug/l	99
36) 1,1-Dichloropropene	7.665	75	32388	9.495	ug/l	98
37) Ethyl Acetate	6.755	43	85424	10.670	ug/l	100
38) Carbon Tetrachloride	7.648	117	23307	9.155	ug/l	98
39) Methylcyclohexane	9.081	83	27344	9.084	ug/l	98
40) Benzene	7.936	78	125935	10.165	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.001	41	39936	10.747	ug/l	95
42) 1,2-Dichloroethane	8.030	62	53058	10.390	ug/l	99
43) Isopropyl Acetate	8.082	43	116565	10.446	ug/l	98
44) Trichloroethene	8.811	130	24950	9.919	ug/l	94
45) 1,2-Dichloropropane	9.122	63	31642	10.360	ug/l	97
46) Dibromomethane	9.222	93	20981	10.159	ug/l	98
47) Bromodichloromethane	9.440	83	39194	9.969	ug/l	99
48) Methyl methacrylate	9.216	41	52303	10.105	ug/l	99
49) 1,4-Dioxane	9.228	88	20134	215.345	ug/l	100
51) 4-Methyl-2-Pentanone	10.098	43	349587	53.536	ug/l	97
52) Toluene	10.292	92	70181	10.044	ug/l	99
53) t-1,3-Dichloropropene	10.550	75	43511	9.846	ug/l	99
54) cis-1,3-Dichloropropene	9.933	75	47091	9.969	ug/l	99
55) 1,1,2-Trichloroethane	10.756	97	29971	10.627	ug/l	94
56) Ethyl methacrylate	10.603	69	55501	10.545	ug/l	98
57) 1,3-Dichloropropane	10.914	76	53102	10.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.775	63	101839	49.787	ug/l	99
59) 2-Hexanone	10.967	43	265496	53.204	ug/l	98
60) Dibromochloromethane	11.144	129	24128	9.656	ug/l	98
61) 1,2-Dibromoethane	11.261	107	29180	10.482	ug/l	98
64) Tetrachloroethene	10.832	164	19518	9.617	ug/l	98
65) Chlorobenzene	11.743	112	78738	9.867	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.831	131	22543	9.651	ug/l	98
67) Ethyl Benzene	11.837	91	127897	9.807	ug/l	100
68) m/p-Xylenes	11.960	106	99830	19.689	ug/l	99
69) o-Xylene	12.330	106	50235	9.665	ug/l	98
70) Styrene	12.348	104	90195	10.062	ug/l	99
71) Bromoform	12.542	173	15143	9.471	ug/l #	98
73) Isopropylbenzene	12.677	105	115656	9.764	ug/l	99
74) N-amyl acetate	12.466	43	77478	10.207	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.965	83	45482	9.967	ug/l	99
76) 1,2,3-Trichloropropane	13.024	75	43595m	10.635	ug/l	
77) Bromobenzene	12.994	156	32932	9.722	ug/l	96
78) n-propylbenzene	13.065	91	134220	9.797	ug/l	100
79) 2-Chlorotoluene	13.165	91	90263	9.906	ug/l	97
80) 1,3,5-Trimethylbenzene	13.224	105	101174	9.908	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	13231	9.063	ug/l	88
82) 4-Chlorotoluene	13.271	91	92927	9.696	ug/l	99
83) tert-Butylbenzene	13.523	119	81820	9.635	ug/l	99
84) 1,2,4-Trimethylbenzene	13.576	105	106025	9.890	ug/l	99
85) sec-Butylbenzene	13.723	105	110835	9.730	ug/l	99
86) p-Isopropyltoluene	13.858	119	101071	9.794	ug/l	99
87) 1,3-Dichlorobenzene	13.858	146	61207	9.709	ug/l	99
88) 1,4-Dichlorobenzene	13.946	146	63713	9.729	ug/l	99
89) n-Butylbenzene	14.228	91	81273	9.499	ug/l	99
90) Hexachloroethane	14.540	117	8878	9.741	ug/l	96
91) 1,2-Dichlorobenzene	14.281	146	60043	10.052	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.986	75	8953	9.415	ug/l	98
93) 1,2,4-Trichlorobenzene	15.768	180	34747	8.961	ug/l	99
94) Hexachlorobutadiene	15.891	225	11013	10.850	ug/l	96
95) Naphthalene	16.061	128	129535	9.310	ug/l	100
96) 1,2,3-Trichlorobenzene	16.291	180	35000	9.004	ug/l	99

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

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