

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
 Data File : VT019217.D
 Acq On : 30 Oct 2025 14:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/31/2025
 Supervised By :Mahesh Dadoda 10/31/2025

Quant Time: Oct 31 01:19:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:43:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.601	168	125637	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.594	114	229024	50.000	ug/l	0.05
63) Chlorobenzene-d5	11.766	117	191812	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.976	152	91769	50.000	ug/l	0.05
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.983	65	114055	56.439	ug/l	0.05
Spiked Amount 50.000			Recovery	=	112.880%	
35) Dibromofluoromethane	7.518	113	76605	52.885	ug/l	0.05
Spiked Amount 50.000			Recovery	=	105.780%	
50) Toluene-d8	10.274	98	284746	48.407	ug/l	0.05
Spiked Amount 50.000			Recovery	=	96.820%	
62) 4-Bromofluorobenzene	12.900	95	90265	48.812	ug/l	0.04
Spiked Amount 50.000			Recovery	=	97.620%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.890	85	25641	34.655	ug/l	94
3) Chloromethane	2.125	50	54836m	48.089	ug/l	
4) Vinyl Chloride	2.207	62	64414	44.161	ug/l	98
5) Bromomethane	2.542	94	26662	33.934	ug/l	100
6) Chloroethane	2.677	64	64172	48.489	ug/l	99
7) Trichlorofluoromethane	2.988	101	120503	44.621	ug/l	96
8) Diethyl Ether	3.370	74	79407	61.306	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.693	101	50100	38.237	ug/l	95
10) Methyl Iodide	3.881	142	58293	54.953	ug/l	98
11) Tert butyl alcohol	4.704	59	155677	362.418	ug/l	100
12) 1,1-Dichloroethene	3.676	96	48405	39.984	ug/l	97
13) Acrolein	3.558	56	22418	305.933	ug/l	98
14) Allyl chloride	4.240	41	127972	53.599	ug/l	93
15) Acrylonitrile	4.874	53	336247	320.975	ug/l	99
16) Acetone	3.764	43	320356	266.857	ug/l	97
17) Carbon Disulfide	3.975	76	74159	45.069	ug/l	97
18) Methyl Acetate	4.246	43	243353	68.432	ug/l	96
19) Methyl tert-butyl Ether	4.933	73	330736	60.483	ug/l	99
20) Methylene Chloride	4.451	84	75967	56.227	ug/l	96
21) trans-1,2-Dichloroethene	4.927	96	53036	51.443	ug/l	91
22) Diisopropyl ether	5.832	45	331223	58.436	ug/l	97
23) Vinyl Acetate	5.773	43	1217998	300.779	ug/l	99
24) 1,1-Dichloroethane	5.726	63	145583	54.904	ug/l	97
25) 2-Butanone	6.725	43	454999	294.364	ug/l	97
26) 2,2-Dichloropropane	6.713	77	97410	42.574	ug/l	99
27) cis-1,2-Dichloroethene	6.719	96	82107	56.751	ug/l	97
28) Bromochloromethane	7.101	49	83094	58.636	ug/l #	98
29) Tetrahydrofuran	7.119	42	299572	333.103	ug/l	91
30) Chloroform	7.289	83	140306	56.518	ug/l	98
31) Cyclohexane	7.583	56	76710	38.904	ug/l	97
32) 1,1,1-Trichloroethane	7.501	97	100133	50.671	ug/l	98
36) 1,1-Dichloropropene	7.730	75	70953	43.548	ug/l	99
37) Ethyl Acetate	6.825	43	169399	61.075	ug/l	98
38) Carbon Tetrachloride	7.712	117	65667	44.326	ug/l	98
39) Methylcyclohexane	9.140	83	72141	40.072	ug/l	94
40) Benzene	8.000	78	277385	50.293	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
 Data File : VT019217.D
 Acq On : 30 Oct 2025 14:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 10/31/2025
 Supervised By :Mahesh Dadoda 10/31/2025

Quant Time: Oct 31 01:19:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:43:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.072	41	85771	61.467	ug/l	93
42) 1,2-Dichloroethane	8.094	62	108324	55.891	ug/l	97
43) Isopropyl Acetate	8.135	43	256548	58.169	ug/l #	91
44) Trichloroethene	8.870	130	51387	47.664	ug/l	96
45) 1,2-Dichloropropane	9.181	63	74444	53.048	ug/l	99
46) Dibromomethane	9.281	93	47873	56.682	ug/l	96
47) Bromodichloromethane	9.498	83	105774	55.550	ug/l	99
48) Methyl methacrylate	9.275	41	117349	59.237	ug/l	89
49) 1,4-Dioxane	9.281	88	49000	1316.922	ug/l	95
51) 4-Methyl-2-Pentanone	10.151	43	819453	308.503	ug/l	97
52) Toluene	10.345	92	158672	50.348	ug/l	98
53) t-1,3-Dichloropropene	10.603	75	114825	55.716	ug/l	98
54) cis-1,3-Dichloropropene	9.992	75	114619	53.708	ug/l	94
55) 1,1,2-Trichloroethane	10.803	97	73469	59.107	ug/l	98
56) Ethyl methacrylate	10.656	69	143643	60.135	ug/l	92
57) 1,3-Dichloropropane	10.967	76	125073	56.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.828	63	181355	282.109	ug/l	98
59) 2-Hexanone	11.020	43	597476	296.921	ug/l	94
60) Dibromochloromethane	11.191	129	73855	58.933	ug/l	100
61) 1,2-Dibromoethane	11.314	107	68426	59.119	ug/l	99
64) Tetrachloroethene	10.885	164	40753	46.743	ug/l	95
65) Chlorobenzene	11.802	112	171589	49.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.884	131	62155	52.732	ug/l	98
67) Ethyl Benzene	11.884	91	294022	45.678	ug/l	97
68) m/p-Xylenes	12.013	106	219081	92.145	ug/l	99
69) o-Xylene	12.383	106	114358	48.389	ug/l	99
70) Styrene	12.401	104	208980	49.106	ug/l	98
71) Bromoform	12.595	173	53876	59.777	ug/l #	100
73) Isopropylbenzene	12.724	105	287255	45.469	ug/l	98
74) N-amyl acetate	12.513	43	182317	57.211	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.018	83	124905	57.701	ug/l	97
76) 1,2,3-Trichloropropane	13.077	75	94503m	50.043	ug/l	
77) Bromobenzene	13.047	156	68222	50.895	ug/l	91
78) n-propylbenzene	13.118	91	328740	43.799	ug/l	97
79) 2-Chlorotoluene	13.212	91	203959	47.432	ug/l	98
80) 1,3,5-Trimethylbenzene	13.276	105	236118	46.532	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.783	75	45458m	56.480	ug/l	
82) 4-Chlorotoluene	13.323	91	209571	47.894	ug/l	99
83) tert-Butylbenzene	13.576	119	216512	46.098	ug/l	96
84) 1,2,4-Trimethylbenzene	13.623	105	241085	46.780	ug/l	98
85) sec-Butylbenzene	13.776	105	306154	44.441	ug/l	96
86) p-Isopropyltoluene	13.905	119	255451	44.412	ug/l	98
87) 1,3-Dichlorobenzene	13.905	146	132987	48.356	ug/l	99
88) 1,4-Dichlorobenzene	13.999	146	134065m	48.393	ug/l	
89) n-Butylbenzene	14.275	91	235906	44.403	ug/l	98
90) Hexachloroethane	14.587	117	42190	47.545	ug/l	92
91) 1,2-Dichlorobenzene	14.328	146	136815	50.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.033	75	28426	60.890	ug/l	96
93) 1,2,4-Trichlorobenzene	15.826	180	85647	49.427	ug/l	99
94) Hexachlorobutadiene	15.944	225	31102	43.518	ug/l	98
95) Naphthalene	16.120	128	332843	54.858	ug/l	99
96) 1,2,3-Trichlorobenzene	16.349	180	87992	51.470	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
Data File : VT019217.D
Acq On : 30 Oct 2025 14:10
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Amit Patel 10/31/2025
Supervised By :Mahesh Dadoda 10/31/2025

Quant Time: Oct 31 01:19:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 30 08:43:44 2025
Response via : Initial Calibration

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

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

