

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086994.D
 Acq On : 12 Jun 2025 21:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

Quant Time: Jun 13 01:37:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	243011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	428192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136275	41.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.760%		
35) Dibromofluoromethane	8.177	113	124828	49.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	10.571	98	471635	46.950	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.900%		
62) 4-Bromofluorobenzene	12.847	95	178006	47.694	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	104934	43.308	ug/l	100
3) Chloromethane	2.395	50	102697	32.823	ug/l	100
4) Vinyl Chloride	2.554	62	138206	42.821	ug/l	98
5) Bromomethane	2.989	94	51426	28.472	ug/l	99
6) Chloroethane	3.148	64	94179	45.174	ug/l	98
7) Trichlorofluoromethane	3.524	101	203934	48.361	ug/l	98
8) Diethyl Ether	3.983	74	91751	49.938	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.401	101	127778	48.230	ug/l	97
10) Methyl Iodide	4.612	142	75338	21.936	ug/l	97
11) Tert butyl alcohol	5.542	59	210108	237.990	ug/l	99
12) 1,1-Dichloroethene	4.365	96	131742	48.707	ug/l	89
13) Acrolein	4.201	56	37824	135.351	ug/l	98
14) Allyl chloride	5.048	41	174921	38.995	ug/l	95
15) Acrylonitrile	5.736	53	473531	229.477	ug/l	100
16) Acetone	4.448	43	357588	207.245	ug/l	94
17) Carbon Disulfide	4.736	76	311964	41.697	ug/l	98
18) Methyl Acetate	5.048	43	226860	45.118	ug/l	92
19) Methyl tert-butyl Ether	5.818	73	482546	49.273	ug/l	100
20) Methylene Chloride	5.301	84	149669	46.333	ug/l	90
21) trans-1,2-Dichloroethene	5.812	96	140367	46.644	ug/l	92
22) Diisopropyl ether	6.689	45	416545	44.053	ug/l #	96
23) Vinyl Acetate	6.624	43	1744054	218.310	ug/l	95
24) 1,1-Dichloroethane	6.589	63	252049	46.320	ug/l	98
25) 2-Butanone	7.495	43	601868	214.597	ug/l	94
26) 2,2-Dichloropropane	7.506	77	154960	36.609	ug/l	95
27) cis-1,2-Dichloroethene	7.501	96	178702	49.654	ug/l	91
28) Bromochloromethane	7.824	49	93100	34.798	ug/l #	79
29) Tetrahydrofuran	7.848	42	386875	211.751	ug/l	89
30) Chloroform	7.977	83	259488	47.751	ug/l	97
31) Cyclohexane	8.265	56	209978	39.790	ug/l	95
32) 1,1,1-Trichloroethane	8.183	97	218200	47.210	ug/l	98
36) 1,1-Dichloropropene	8.377	75	183468	48.521	ug/l	98
37) Ethyl Acetate	7.571	43	213312	44.315	ug/l	96
38) Carbon Tetrachloride	8.371	117	186316	50.189	ug/l	99
39) Methylcyclohexane	9.606	83	217907	42.064	ug/l	93
40) Benzene	8.612	78	601943	48.682	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086994.D
 Acq On : 12 Jun 2025 21:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

Quant Time: Jun 13 01:37:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	113644	42.039	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	176906	47.170	ug/l	98
43) Isopropyl Acetate	8.695	43	343279	44.433	ug/l	94
44) Trichloroethene	9.359	130	155267	52.958	ug/l	97
45) 1,2-Dichloropropane	9.624	63	148089	49.229	ug/l	100
46) Dibromomethane	9.718	93	103596	51.848	ug/l	96
47) Bromodichloromethane	9.895	83	208200	50.645	ug/l	98
48) Methyl methacrylate	9.683	41	156552	44.026	ug/l	91
49) 1,4-Dioxane	9.706	88	71834	1110.449	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	1082584	232.766	ug/l	94
52) Toluene	10.630	92	381890	50.538	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	226512	49.275	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	242573	49.318	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	151057	51.953	ug/l	99
56) Ethyl methacrylate	10.883	69	253332	54.703	ug/l	90
57) 1,3-Dichloropropane	11.165	76	253339	50.228	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	629952	228.062	ug/l	95
59) 2-Hexanone	11.200	43	736370	245.798	ug/l	90
60) Dibromochloromethane	11.359	129	169493	55.950	ug/l	99
61) 1,2-Dibromoethane	11.471	107	159068	53.375	ug/l	99
64) Tetrachloroethene	11.106	164	122791	52.647	ug/l	95
65) Chlorobenzene	11.894	112	433044	53.277	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	144529	55.315	ug/l	99
67) Ethyl Benzene	11.965	91	766954	54.779	ug/l	100
68) m/p-Xylenes	12.071	106	595516	111.114	ug/l	98
69) o-Xylene	12.400	106	279799	54.510	ug/l	97
70) Styrene	12.412	104	474343	54.004	ug/l	99
71) Bromoform	12.577	173	117460	60.673	ug/l #	99
73) Isopropylbenzene	12.694	105	683122	51.291	ug/l	99
74) N-amyl acetate	12.512	43	210288	45.184	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	240443	53.289	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	199883m	45.996	ug/l	
77) Bromobenzene	12.977	156	171304	56.084	ug/l	90
78) n-propylbenzene	13.035	91	804916	49.731	ug/l	98
79) 2-Chlorotoluene	13.124	91	493936	50.886	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	580402	52.783	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	88819	47.048	ug/l	89
82) 4-Chlorotoluene	13.224	91	500362	50.946	ug/l	99
83) tert-Butylbenzene	13.435	119	505058	50.177	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	618119	56.058	ug/l	99
85) sec-Butylbenzene	13.618	105	683572	46.765	ug/l	98
86) p-Isopropyltoluene	13.730	119	582513	48.209	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	319544	53.173	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	326605	53.307	ug/l	99
89) n-Butylbenzene	14.053	91	509088	43.498	ug/l	99
90) Hexachloroethane	14.335	117	103069	50.323	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	311432	53.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	53857	49.911	ug/l	87
93) 1,2,4-Trichlorobenzene	15.388	180	188289	51.072	ug/l	98
94) Hexachlorobutadiene	15.500	225	59571	43.369	ug/l	97
95) Naphthalene	15.635	128	791615	57.686	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	182680	49.872	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
Data File : VN086994.D
Acq On : 12 Jun 2025 21:33
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

Quant Time: Jun 13 01:37:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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

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

