

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
 Data File : VN087160.D
 Acq On : 24 Jun 2025 16:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2025
 Supervised By : Mahesh Dadoda 06/25/2025

Quant Time: Jun 25 04:21:11 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	8.230	168	163777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	279531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	114915	52.406	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.820%			
35) Dibromofluoromethane	8.171	113	91896	55.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.940%			
50) Toluene-d8	10.565	98	317901	48.476	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.960%			
62) 4-Bromofluorobenzene	12.847	95	131281	53.882	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.154	85	86521	52.984	ug/l	100
3) Chloromethane	2.395	50	93005	44.106	ug/l	96
4) Vinyl Chloride	2.554	62	99884	45.919	ug/l	99
5) Bromomethane	2.983	94	52146	42.839	ug/l	97
6) Chloroethane	3.154	64	56231	40.020	ug/l	95
7) Trichlorofluoromethane	3.524	101	128580	45.243	ug/l	97
8) Diethyl Ether	3.983	74	66715	53.879	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.395	101	99651	55.810	ug/l	99
10) Methyl Iodide	4.612	142	86859	37.526	ug/l	100
11) Tert butyl alcohol	5.542	59	156668	263.311	ug/l	99
12) 1,1-Dichloroethene	4.365	96	98295	53.923	ug/l	96
13) Acrolein	4.200	56	45357	240.830	ug/l	96
14) Allyl chloride	5.053	41	165749	54.827	ug/l	96
15) Acrylonitrile	5.736	53	394564	283.714	ug/l	99
16) Acetone	4.448	43	322792	277.586	ug/l	93
17) Carbon Disulfide	4.736	76	266984	52.949	ug/l	98
18) Methyl Acetate	5.047	43	186119	54.923	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	377094	57.133	ug/l	99
20) Methylene Chloride	5.300	84	117323	53.890	ug/l	97
21) trans-1,2-Dichloroethene	5.806	96	109083	53.785	ug/l	100
22) Diisopropyl ether	6.689	45	378748	59.434	ug/l	98
23) Vinyl Acetate	6.618	43	1623754	301.582	ug/l	99
24) 1,1-Dichloroethane	6.589	63	206183	56.222	ug/l	100
25) 2-Butanone	7.494	43	544957	288.309	ug/l	97
26) 2,2-Dichloropropane	7.500	77	166924	58.515	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	135343	55.800	ug/l	97
28) Bromochloromethane	7.824	49	88120	48.871	ug/l	98
29) Tetrahydrofuran	7.847	42	353270	286.903	ug/l	97
30) Chloroform	7.971	83	208664	56.976	ug/l	97
31) Cyclohexane	8.265	56	182078	51.196	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	174874	56.141	ug/l	97
36) 1,1-Dichloropropene	8.377	75	148731	60.253	ug/l	99
37) Ethyl Acetate	7.571	43	193860	61.693	ug/l	99
38) Carbon Tetrachloride	8.365	117	143526	59.224	ug/l	98
39) Methylcyclohexane	9.606	83	159096	47.044	ug/l	99
40) Benzene	8.612	78	477234	59.123	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
 Data File : VN087160.D
 Acq On : 24 Jun 2025 16:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2025
 Supervised By : Mahesh Dadoda 06/25/2025

Quant Time: Jun 25 04:21:11 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	7.788	41	107186	60.737	ug/l	98
42) 1,2-Dichloroethane	8.677	62	153929	62.872	ug/l	98
43) Isopropyl Acetate	8.694	43	307565	60.983	ug/l	98
44) Trichloroethene	9.353	130	101941	53.261	ug/l	99
45) 1,2-Dichloropropane	9.624	63	112387	57.230	ug/l	100
46) Dibromomethane	9.712	93	76182	58.405	ug/l	98
47) Bromodichloromethane	9.888	83	158909	59.212	ug/l	99
48) Methyl methacrylate	9.682	41	135240	58.260	ug/l	92
49) 1,4-Dioxane	9.700	88	41672	986.783	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	972166	320.190	ug/l	97
52) Toluene	10.629	92	282682	57.305	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	179280	59.742	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	190332	59.276	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	111784	58.892	ug/l	95
56) Ethyl methacrylate	10.882	69	185275	61.283	ug/l	94
57) 1,3-Dichloropropane	11.165	76	200055	60.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	490454	271.989	ug/l	99
59) 2-Hexanone	11.200	43	647125	330.887	ug/l	99
60) Dibromochloromethane	11.359	129	123712	62.556	ug/l	99
61) 1,2-Dibromoethane	11.471	107	119698	61.524	ug/l	98
64) Tetrachloroethene	11.106	164	87585	50.709	ug/l	95
65) Chlorobenzene	11.894	112	323141	53.684	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	108201	55.920	ug/l	98
67) Ethyl Benzene	11.965	91	560344	54.044	ug/l	98
68) m/p-Xylenes	12.071	106	424782	107.026	ug/l	97
69) o-Xylene	12.400	106	205497	54.061	ug/l	99
70) Styrene	12.412	104	355944	54.722	ug/l	99
71) Bromoform	12.576	173	82611	57.622	ug/l #	100
73) Isopropylbenzene	12.694	105	520259	51.462	ug/l	99
74) N-amyl acetate	12.518	43	174307	49.341	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	184787	53.954	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	158107m	47.931	ug/l	
77) Bromobenzene	12.976	156	122815	52.973	ug/l	98
78) n-propylbenzene	13.035	91	636780	51.831	ug/l	98
79) 2-Chlorotoluene	13.123	91	381251	51.745	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	429000	51.398	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	69324	48.378	ug/l	96
82) 4-Chlorotoluene	13.218	91	394024	52.853	ug/l	100
83) tert-Butylbenzene	13.435	119	364892	47.759	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	433263	51.766	ug/l	100
85) sec-Butylbenzene	13.612	105	529208	47.696	ug/l	100
86) p-Isopropyltoluene	13.729	119	441344	48.120	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	240638	52.754	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	245113	52.706	ug/l	100
89) n-Butylbenzene	14.053	91	405290	45.621	ug/l	99
90) Hexachloroethane	14.329	117	80197	51.585	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	231459	52.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	43251	52.805	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	132105	47.206	ug/l	98
94) Hexachlorobutadiene	15.500	225	38464	36.892	ug/l	98
95) Naphthalene	15.635	128	526277	50.524	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	128834	46.336	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087160.D
Acq On : 24 Jun 2025 16:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

Quant Time: Jun 25 04:21:11 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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062425\
Data File : VN087160.D
Acq On : 24 Jun 2025 16:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 25 04:21:11 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

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/25/2025
Supervised By :Mahesh Dadoda 06/25/2025

