

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086678.D
 Acq On : 19 May 2025 10:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 20 03:13:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	218324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	387311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	340061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	140733	46.649	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.300%		
35) Dibromofluoromethane	8.165	113	113837	49.353	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.700%		
50) Toluene-d8	10.565	98	476759	49.877	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.760%		
62) 4-Bromofluorobenzene	12.847	95	168980	50.066	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	136525	57.905	ug/l	97
3) Chloromethane	2.359	50	177395	49.744	ug/l	99
4) Vinyl Chloride	2.512	62	165267	51.602	ug/l	98
5) Bromomethane	2.953	94	86355	46.772	ug/l	97
6) Chloroethane	3.118	64	102298	48.758	ug/l	96
7) Trichlorofluoromethane	3.500	101	199352	52.085	ug/l	96
8) Diethyl Ether	3.959	74	83397	52.745	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	121510	53.030	ug/l	99
10) Methyl Iodide	4.589	142	140719	49.371	ug/l	98
11) Tert butyl alcohol	5.512	59	119916	218.251	ug/l	100
12) 1,1-Dichloroethene	4.342	96	125445	51.515	ug/l	99
13) Acrolein	4.177	56	146682	249.729	ug/l	99
14) Allyl chloride	5.024	41	188696	51.195	ug/l	97
15) Acrylonitrile	5.712	53	324234	238.337	ug/l	99
16) Acetone	4.418	43	275223	243.885	ug/l	97
17) Carbon Disulfide	4.712	76	357938	53.091	ug/l	100
18) Methyl Acetate	5.018	43	136135	43.101	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	426859	51.481	ug/l	99
20) Methylene Chloride	5.271	84	139264	46.765	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	131544	51.093	ug/l	95
22) Diisopropyl ether	6.665	45	428632	51.547	ug/l	98
23) Vinyl Acetate	6.600	43	1760106	281.640	ug/l	100
24) 1,1-Dichloroethane	6.565	63	244716	50.125	ug/l	100
25) 2-Butanone	7.477	43	424521	243.440	ug/l	99
26) 2,2-Dichloropropane	7.483	77	217452	53.973	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	156969	49.671	ug/l	98
28) Bromochloromethane	7.806	49	107543	48.484	ug/l	99
29) Tetrahydrofuran	7.835	42	270715	237.838	ug/l	100
30) Chloroform	7.959	83	237553	48.614	ug/l	94
31) Cyclohexane	8.253	56	220996	48.809	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	207333	50.325	ug/l	99
36) 1,1-Dichloropropene	8.365	75	179013	52.615	ug/l	99
37) Ethyl Acetate	7.553	43	163270	47.506	ug/l	100
38) Carbon Tetrachloride	8.359	117	175597	52.381	ug/l	99
39) Methylcyclohexane	9.594	83	206391	56.048	ug/l	99
40) Benzene	8.600	78	568159	51.190	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086678.D
 Acq On : 19 May 2025 10:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 20 03:13:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	94619	50.989	ug/l	97
42) 1,2-Dichloroethane	8.665	62	171184	49.506	ug/l	98
43) Isopropyl Acetate	8.682	43	292257	42.419	ug/l	97
44) Trichloroethene	9.347	130	141828	52.980	ug/l	98
45) 1,2-Dichloropropane	9.618	63	137180	52.029	ug/l	97
46) Dibromomethane	9.706	93	89941	50.554	ug/l	98
47) Bromodichloromethane	9.882	83	190522	51.974	ug/l	99
48) Methyl methacrylate	9.677	41	133859	50.138	ug/l	99
49) 1,4-Dioxane	9.694	88	50542	894.031	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	837049	240.913	ug/l	99
52) Toluene	10.623	92	356565	51.689	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	209665	54.021	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	224827	53.066	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	126830	49.287	ug/l	98
56) Ethyl methacrylate	10.871	69	216221	52.333	ug/l	99
57) 1,3-Dichloropropane	11.159	76	220930	49.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	487437	263.974	ug/l	100
59) 2-Hexanone	11.188	43	606517	239.044	ug/l	100
60) Dibromochloromethane	11.353	129	142355	52.786	ug/l	98
61) 1,2-Dibromoethane	11.465	107	129313	50.008	ug/l	99
64) Tetrachloroethene	11.100	164	142639	54.755	ug/l	97
65) Chlorobenzene	11.888	112	379483	50.890	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	125235	52.023	ug/l	100
67) Ethyl Benzene	11.959	91	672937	52.687	ug/l	99
68) m/p-Xylenes	12.065	106	517798	107.033	ug/l	99
69) o-Xylene	12.394	106	252810	52.564	ug/l	99
70) Styrene	12.406	104	419206	53.237	ug/l	100
71) Bromoform	12.576	173	92501	54.030	ug/l #	98
73) Isopropylbenzene	12.694	105	605663	49.109	ug/l	99
74) N-amyl acetate	12.488	43	241598	46.886	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	167581	44.229	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	180673m	50.028	ug/l	
77) Bromobenzene	12.976	156	145850	47.012	ug/l	99
78) n-propylbenzene	13.029	91	718136	50.739	ug/l	99
79) 2-Chlorotoluene	13.123	91	448701	48.757	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	501937	50.798	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	77736	54.322	ug/l	92
82) 4-Chlorotoluene	13.217	91	447160	49.045	ug/l	100
83) tert-Butylbenzene	13.435	119	430179	49.922	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	512047	52.039	ug/l	98
85) sec-Butylbenzene	13.612	105	600995	52.015	ug/l	100
86) p-Isopropyltoluene	13.723	119	515021	54.379	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	273090	50.834	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	273459	51.375	ug/l	99
89) n-Butylbenzene	14.053	91	446487	56.867	ug/l	100
90) Hexachloroethane	14.329	117	83988	53.447	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	262217	51.317	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32637	51.996	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	125389	58.135	ug/l	99
94) Hexachlorobutadiene	15.494	225	50262	56.167	ug/l	97
95) Naphthalene	15.635	128	406700	54.306	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	117100	55.439	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
Data File : VN086678.D
Acq On : 19 May 2025 10:12
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Quant Time: May 20 03:13:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

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

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

