

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087976.D
 Acq On : 29 Sep 2025 12:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 03:51:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	222575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	417957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	412483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	226671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	190280	50.799	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.600%			
35) Dibromofluoromethane	8.153	113	144472	47.608	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.220%			
50) Toluene-d8	10.547	98	513109	48.082	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.160%			
62) 4-Bromofluorobenzene	12.829	95	183246	48.039	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	122259	47.431	ug/l	99
3) Chloromethane	2.383	50	134350	50.905	ug/l	100
4) Vinyl Chloride	2.536	62	134746	50.043	ug/l	94
5) Bromomethane	2.959	94	86315	51.708	ug/l	92
6) Chloroethane	3.130	64	95364	54.470	ug/l	97
7) Trichlorofluoromethane	3.506	101	226626	51.694	ug/l	100
8) Diethyl Ether	3.959	74	86786	52.400	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.359	101	117933	50.897	ug/l	99
10) Methyl Iodide	4.571	142	127211	61.001	ug/l #	94
11) Tert butyl alcohol	5.536	59	160004	296.567	ug/l	100
12) 1,1-Dichloroethene	4.336	96	122291	52.307	ug/l	93
13) Acrolein	4.177	56	192264	277.734	ug/l	96
14) Allyl chloride	5.012	41	191934	50.426	ug/l	95
15) Acrylonitrile	5.712	53	479220	283.170	ug/l	99
16) Acetone	4.424	43	397290	257.784	ug/l	92
17) Carbon Disulfide	4.700	76	341770	46.787	ug/l	96
18) Methyl Acetate	5.018	43	240925	62.465	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	495433	54.246	ug/l	96
20) Methylene Chloride	5.253	84	158078	50.674	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	144286	50.342	ug/l	94
22) Diisopropyl ether	6.659	45	495079	55.718	ug/l	96
23) Vinyl Acetate	6.594	43	1980867	264.770	ug/l	99
24) 1,1-Dichloroethane	6.547	63	272002	52.397	ug/l	99
25) 2-Butanone	7.471	43	671031	284.864	ug/l	99
26) 2,2-Dichloropropane	7.471	77	203028	44.020	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	176839	51.855	ug/l	99
28) Bromochloromethane	7.800	49	133764	47.427	ug/l	97
29) Tetrahydrofuran	7.830	42	440503	292.045	ug/l	99
30) Chloroform	7.947	83	303552	53.479	ug/l	98
31) Cyclohexane	8.241	56	200263	47.678	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	256632	53.508	ug/l	97
36) 1,1-Dichloropropene	8.353	75	184964	50.690	ug/l	97
37) Ethyl Acetate	7.547	43	260340	54.332	ug/l	98
38) Carbon Tetrachloride	8.341	117	208411	49.774	ug/l	97
39) Methylcyclohexane	9.582	83	192580	47.842	ug/l	94
40) Benzene	8.588	78	626304	51.839	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087976.D
 Acq On : 29 Sep 2025 12:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/30/2025
 Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 03:51:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	136759	55.227	ug/l	99
42) 1,2-Dichloroethane	8.653	62	231256	51.291	ug/l	100
43) Isopropyl Acetate	8.677	43	403553	53.505	ug/l	99
44) Trichloroethene	9.335	130	143026	49.560	ug/l	93
45) 1,2-Dichloropropane	9.600	63	161428	53.284	ug/l	98
46) Dibromomethane	9.688	93	126563	52.943	ug/l	96
47) Bromodichloromethane	9.871	83	248561	53.012	ug/l	95
48) Methyl methacrylate	9.665	41	189051	54.126	ug/l	97
49) 1,4-Dioxane	9.688	88	62443	1210.147	ug/l #	82
51) 4-Methyl-2-Pentanone	10.423	43	1363570	289.726	ug/l	99
52) Toluene	10.612	92	398890	52.612	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	242737	50.584	ug/l	94
54) cis-1,3-Dichloropropene	10.294	75	252901	50.743	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	164820	53.466	ug/l	97
56) Ethyl methacrylate	10.859	69	253380	56.883	ug/l	94
57) 1,3-Dichloropropane	11.141	76	271109	53.469	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	706565	337.365	ug/l	98
59) 2-Hexanone	11.176	43	919964	295.620	ug/l	98
60) Dibromochloromethane	11.341	129	188558	52.023	ug/l	98
61) 1,2-Dibromoethane	11.447	107	172008	52.707	ug/l	99
64) Tetrachloroethene	11.082	164	121765	48.461	ug/l	96
65) Chlorobenzene	11.870	112	443168	50.487	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.941	131	161449	51.003	ug/l	97
67) Ethyl Benzene	11.941	91	736637	50.293	ug/l	98
68) m/p-Xylenes	12.053	106	580478	103.624	ug/l	100
69) o-Xylene	12.376	106	273874	50.888	ug/l	100
70) Styrene	12.388	104	489792	52.989	ug/l	99
71) Bromoform	12.559	173	136469	53.138	ug/l #	100
73) Isopropylbenzene	12.676	105	710303	50.561	ug/l	100
74) N-amyl acetate	12.506	43	216127m	46.691	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	260431	51.451	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	212261m	47.505	ug/l	
77) Bromobenzene	12.959	156	190479	50.960	ug/l	97
78) n-propylbenzene	13.012	91	873432	49.728	ug/l	98
79) 2-Chlorotoluene	13.106	91	523153	48.917	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	623358	51.299	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	78392	48.718	ug/l	99
82) 4-Chlorotoluene	13.200	91	560511	52.013	ug/l	98
83) tert-Butylbenzene	13.417	119	522293	50.780	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	647417	51.943	ug/l	98
85) sec-Butylbenzene	13.594	105	759591	50.372	ug/l	98
86) p-Isopropyltoluene	13.706	119	640822	50.175	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	370068	50.735	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	378118	50.442	ug/l	96
89) n-Butylbenzene	14.035	91	603893	50.033	ug/l	99
90) Hexachloroethane	14.311	117	129537	48.555	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	354388	50.405	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	60895	51.776	ug/l	94
93) 1,2,4-Trichlorobenzene	15.370	180	206986	49.861	ug/l	97
94) Hexachlorobutadiene	15.470	225	75705	49.547	ug/l	99
95) Naphthalene	15.611	128	705336	52.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	198006	49.063	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
Data File : VN087976.D
Acq On : 29 Sep 2025 12:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/30/2025
Supervised By :Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 03:51:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 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\VN092925\
Data File : VN087976.D
Acq On : 29 Sep 2025 12:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/30/2025
Supervised By : Mahesh Dadoda 10/03/2025

Quant Time: Sep 30 03:51:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

