

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087647.D
 Acq On : 25 Aug 2025 09:37
 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 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 01:30:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	257927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	497405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	459274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	238788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	227657	43.079	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.160%		
35) Dibromofluoromethane	8.147	113	158040	44.007	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.020%		
50) Toluene-d8	10.547	98	580370	43.178	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.360%		
62) 4-Bromofluorobenzene	12.829	95	209913	43.913	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	190539	52.013	ug/l	99
3) Chloromethane	2.383	50	181773	48.284	ug/l	99
4) Vinyl Chloride	2.536	62	200711	45.982	ug/l	95
5) Bromomethane	2.959	94	110879	49.230	ug/l	99
6) Chloroethane	3.130	64	140578	45.822	ug/l	96
7) Trichlorofluoromethane	3.506	101	299086	46.767	ug/l	91
8) Diethyl Ether	3.959	74	129638	46.546	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	164216	45.380	ug/l	99
10) Methyl Iodide	4.577	142	110018	41.951	ug/l	99
11) Tert butyl alcohol	5.524	59	249610	272.075	ug/l	98
12) 1,1-Dichloroethene	4.330	96	164383	44.205	ug/l	97
13) Acrolein	4.177	56	380166	337.068	ug/l	97
14) Allyl chloride	5.006	41	291237	43.218	ug/l	99
15) Acrylonitrile	5.706	53	640415	247.515	ug/l	99
16) Acetone	4.424	43	746179	259.380	ug/l	94
17) Carbon Disulfide	4.701	76	468979	45.810	ug/l	97
18) Methyl Acetate	5.018	43	303456	50.380	ug/l	100
19) Methyl tert-butyl Ether	5.783	73	677791	48.587	ug/l	98
20) Methylene Chloride	5.259	84	197897	47.497	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	177674	44.085	ug/l	98
22) Diisopropyl ether	6.653	45	691207	47.531	ug/l	98
23) Vinyl Acetate	6.589	43	3247498	245.457	ug/l	98
24) 1,1-Dichloroethane	6.553	63	352404	44.198	ug/l	98
25) 2-Butanone	7.471	43	972341	256.909	ug/l	99
26) 2,2-Dichloropropane	7.471	77	307817	44.980	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	218414	45.332	ug/l	96
28) Bromochloromethane	7.794	49	163107	42.314	ug/l	99
29) Tetrahydrofuran	7.824	42	608322	249.751	ug/l	99
30) Chloroform	7.947	83	372430	45.762	ug/l	98
31) Cyclohexane	8.236	56	293315	44.127	ug/l	97
32) 1,1,1-Trichloroethane	8.147	97	315914	45.805	ug/l	97
36) 1,1-Dichloropropene	8.353	75	244912	44.453	ug/l	99
37) Ethyl Acetate	7.553	43	350352	46.537	ug/l	96
38) Carbon Tetrachloride	8.341	117	259829	47.766	ug/l	96
39) Methylcyclohexane	9.583	83	287729	47.436	ug/l	96
40) Benzene	8.588	78	793712	46.970	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087647.D
 Acq On : 25 Aug 2025 09:37
 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 08/26/2025
 Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 01:30:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	190959	48.966	ug/l	96
42) 1,2-Dichloroethane	8.653	62	303758	46.778	ug/l	100
43) Isopropyl Acetate	8.671	43	597985	50.875	ug/l	100
44) Trichloroethene	9.335	130	171566	44.470	ug/l	93
45) 1,2-Dichloropropane	9.600	63	205195	46.068	ug/l	96
46) Dibromomethane	9.688	93	151314	47.738	ug/l	99
47) Bromodichloromethane	9.871	83	310093	47.735	ug/l	97
48) Methyl methacrylate	9.665	41	279845	50.334	ug/l	98
49) 1,4-Dioxane	9.677	88	84226	1168.809	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	1835312	258.798	ug/l	100
52) Toluene	10.612	92	480342	45.852	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	331242	49.262	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	344631	49.361	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	201664	49.762	ug/l	99
56) Ethyl methacrylate	10.859	69	339203	52.374	ug/l	98
57) 1,3-Dichloropropane	11.141	76	343765	47.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	862865	246.151	ug/l	100
59) 2-Hexanone	11.177	43	1255932	280.221	ug/l	99
60) Dibromochloromethane	11.341	129	225900	48.108	ug/l	100
61) 1,2-Dibromoethane	11.447	107	209416	49.007	ug/l	99
64) Tetrachloroethene	11.082	164	141116	44.287	ug/l	96
65) Chlorobenzene	11.871	112	525177	45.963	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	185245	48.835	ug/l	99
67) Ethyl Benzene	11.941	91	937027	47.365	ug/l	100
68) m/p-Xylenes	12.047	106	709585	97.801	ug/l	98
69) o-Xylene	12.376	106	338958	47.672	ug/l	100
70) Styrene	12.394	104	600428	50.405	ug/l	99
71) Bromoform	12.559	173	150357	51.684	ug/l #	98
73) Isopropylbenzene	12.676	105	885054	45.868	ug/l	100
74) N-amyl acetate	12.500	43	357775m	48.927	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	314676	47.368	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	270134m	48.241	ug/l	
77) Bromobenzene	12.959	156	207080	45.516	ug/l	97
78) n-propylbenzene	13.012	91	1117639	47.024	ug/l	100
79) 2-Chlorotoluene	13.106	91	670903	46.907	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	752309	45.959	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	102807	48.604	ug/l	88
82) 4-Chlorotoluene	13.200	91	689983	45.883	ug/l	98
83) tert-Butylbenzene	13.418	119	644441	47.245	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	779645	47.579	ug/l	98
85) sec-Butylbenzene	13.594	105	955236	47.190	ug/l	100
86) p-Isopropyltoluene	13.706	119	796740	47.666	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	412959	46.092	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	417746	44.805	ug/l	100
89) n-Butylbenzene	14.035	91	777751	46.851	ug/l	99
90) Hexachloroethane	14.312	117	149995	47.102	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	400026	47.063	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.700	75	78738	49.894	ug/l	95
93) 1,2,4-Trichlorobenzene	15.365	180	240229	47.066	ug/l	98
94) Hexachlorobutadiene	15.476	225	85184	46.813	ug/l	99
95) Naphthalene	15.612	128	897935	49.668	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	235260	47.148	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087647.D
Acq On : 25 Aug 2025 09:37
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 08/26/2025
Supervised By :Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 01:30:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 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\VN082525\
Data File : VN087647.D
Acq On : 25 Aug 2025 09:37
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :

MSVOA_N

Client SampleId :

VSTDCCC050

Manual Integrations

APPROVED

Reviewed By : John Carlone 08/26/2025

Supervised By : Mahesh Dadoda 08/26/2025

Quant Time: Aug 26 01:30:04 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M

Quant Title : SW846 8260

QLast Update : Fri Aug 22 02:55:42 2025

Response via : Initial Calibration

