

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088414.D
 Acq On : 02 Dec 2025 17:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2025
 Supervised By : Mahesh Dadoda 12/03/2025

Quant Time: Dec 03 01:29:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	219938	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	419102	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	380921	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	191653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	229234	55.328	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.660%			
35) Dibromofluoromethane	8.147	113	149029	51.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.620%			
50) Toluene-d8	10.541	98	548446	50.752	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.823	95	193180	52.100	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	176992	53.577	ug/l	95
3) Chloromethane	2.383	50	189452	53.397	ug/l	98
4) Vinyl Chloride	2.536	62	192004	53.195	ug/l	99
5) Bromomethane	2.977	94	86084	49.553	ug/l	93
6) Chloroethane	3.142	64	127698	57.169	ug/l	98
7) Trichlorofluoromethane	3.518	101	273541	53.921	ug/l	95
8) Diethyl Ether	3.959	74	113221	59.462	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	142830	52.886	ug/l	98
10) Methyl Iodide	4.589	142	135082	50.526	ug/l	95
11) Tert butyl alcohol	5.512	59	177811	268.805	ug/l	100
12) 1,1-Dichloroethene	4.341	96	143464	53.466	ug/l	96
13) Acrolein	4.177	56	193856	306.108	ug/l	97
14) Allyl chloride	5.018	41	280616	56.423	ug/l	97
15) Acrylonitrile	5.706	53	560143	293.497	ug/l	99
16) Acetone	4.418	43	533583	356.103	ug/l	99
17) Carbon Disulfide	4.706	76	475035	54.176	ug/l	99
18) Methyl Acetate	5.012	43	265191	59.457	ug/l	97
19) Methyl tert-butyl Ether	5.783	73	614993	61.174	ug/l	99
20) Methylene Chloride	5.265	84	184189	57.454	ug/l	96
21) trans-1,2-Dichloroethene	5.771	96	171602	57.731	ug/l	99
22) Diisopropyl ether	6.653	45	652926	61.492	ug/l	95
23) Vinyl Acetate	6.588	43	2732275m	319.387	ug/l	
24) 1,1-Dichloroethane	6.553	63	351828	58.511	ug/l	99
25) 2-Butanone	7.465	43	781041	324.238	ug/l	98
26) 2,2-Dichloropropane	7.471	77	289454	55.770	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	204906	59.317	ug/l	100
28) Bromochloromethane	7.800	49	161018	53.755	ug/l	99
29) Tetrahydrofuran	7.824	42	519167	300.480	ug/l	99
30) Chloroform	7.947	83	358692	60.709	ug/l	97
31) Cyclohexane	8.241	56	273491	50.191	ug/l	98
32) 1,1,1-Trichloroethane	8.147	97	296692	57.111	ug/l	99
36) 1,1-Dichloropropene	8.353	75	233390	52.068	ug/l	99
37) Ethyl Acetate	7.541	43	322081	54.648	ug/l	99
38) Carbon Tetrachloride	8.341	117	245106	54.930	ug/l	100
39) Methylcyclohexane	9.576	83	236457	49.318	ug/l	95
40) Benzene	8.588	78	729473	55.449	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
 Data File : VN088414.D
 Acq On : 02 Dec 2025 17:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2025
 Supervised By : Mahesh Dadoda 12/03/2025

Quant Time: Dec 03 01:29:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	170884	58.540	ug/l	98
42) 1,2-Dichloroethane	8.653	62	297888	59.349	ug/l	99
43) Isopropyl Acetate	8.671	43	512167	56.876	ug/l	99
44) Trichloroethene	9.329	130	159344	51.261	ug/l	99
45) 1,2-Dichloropropane	9.600	63	192411	57.085	ug/l	96
46) Dibromomethane	9.688	93	139609	58.038	ug/l	100
47) Bromodichloromethane	9.865	83	286050	58.281	ug/l	96
48) Methyl methacrylate	9.659	41	244756	59.571	ug/l	98
49) 1,4-Dioxane	9.682	88	56436	1080.085	ug/l #	99
51) 4-Methyl-2-Pentanone	10.423	43	1597353	300.945	ug/l	100
52) Toluene	10.606	92	440959	58.049	ug/l	98
53) t-1,3-Dichloropropene	10.812	75	285998	56.769	ug/l	100
54) cis-1,3-Dichloropropene	10.288	75	307743	58.087	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	169224	57.578	ug/l	99
56) Ethyl methacrylate	10.853	69	292128	62.924	ug/l	98
57) 1,3-Dichloropropane	11.141	76	313832	59.190	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.135	63	850829	317.890	ug/l	100
59) 2-Hexanone	11.176	43	1074989	321.499	ug/l	99
60) Dibromochloromethane	11.335	129	196813	58.742	ug/l	96
61) 1,2-Dibromoethane	11.447	107	173191	58.192	ug/l	99
64) Tetrachloroethene	11.076	164	137260	45.453	ug/l	95
65) Chlorobenzene	11.870	112	475853	55.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	164169	56.889	ug/l	98
67) Ethyl Benzene	11.941	91	835365	55.860	ug/l	100
68) m/p-Xylenes	12.047	106	628567	113.365	ug/l	98
69) o-Xylene	12.376	106	299090	56.581	ug/l	100
70) Styrene	12.388	104	518415	60.400	ug/l	100
71) Bromoform	12.559	173	125614	59.429	ug/l #	99
73) Isopropylbenzene	12.670	105	765742	54.038	ug/l	100
74) N-amyl acetate	12.500	43	199210	41.279	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.917	83	250820	54.751	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	242575m	54.039	ug/l	
77) Bromobenzene	12.959	156	178514	55.058	ug/l	99
78) n-propylbenzene	13.012	91	940593	54.257	ug/l	99
79) 2-Chlorotoluene	13.100	91	563508	53.229	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	649692	55.329	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	86421	54.618	ug/l #	100
82) 4-Chlorotoluene	13.200	91	597677	56.841	ug/l	99
83) tert-Butylbenzene	13.412	119	537872	53.885	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	661669	56.692	ug/l	99
85) sec-Butylbenzene	13.594	105	759272	52.948	ug/l	100
86) p-Isopropyltoluene	13.706	119	641738	54.575	ug/l	100
87) 1,3-Dichlorobenzene	13.711	146	349011	55.297	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	347979	52.634	ug/l	98
89) n-Butylbenzene	14.029	91	594021	52.028	ug/l	99
90) Hexachloroethane	14.306	117	113139	52.669	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	323995	54.550	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	61444	55.281	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	182762	51.788	ug/l	97
94) Hexachlorobutadiene	15.470	225	61534	48.523	ug/l	98
95) Naphthalene	15.611	128	665085	54.387	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	173919	50.639	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120225\
Data File : VN088414.D
Acq On : 02 Dec 2025 17:04
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2025
Supervised By :Mahesh Dadoda 12/03/2025

Quant Time: Dec 03 01:29:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

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

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

