

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088197.D
 Acq On : 06 Nov 2025 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 07 02:14:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/07/2025
 Supervised By :Mahesh Dadoda 11/07/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	361073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	666324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	581281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	283428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	328376	52.593	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.180%			
35) Dibromofluoromethane	8.147	113	222387	49.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.360%			
50) Toluene-d8	10.541	98	839271	48.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.320%			
62) 4-Bromofluorobenzene	12.829	95	313584	51.479	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.960%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	183079	44.951	ug/l	97
3) Chloromethane	2.383	50	200998	41.948	ug/l	99
4) Vinyl Chloride	2.536	62	233036	44.636	ug/l	97
5) Bromomethane	2.971	94	130163	41.683	ug/l	96
6) Chloroethane	3.136	64	151439	40.260	ug/l	100
7) Trichlorofluoromethane	3.506	101	355956	42.747	ug/l	97
8) Diethyl Ether	3.959	74	146011	47.179	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	187837	43.715	ug/l	98
10) Methyl Iodide	4.577	142	204218	52.005	ug/l	99
11) Tert butyl alcohol	5.524	59	265706	247.018	ug/l	99
12) 1,1-Dichloroethene	4.336	96	187799	41.381	ug/l	91
13) Acrolein	4.177	56	231229	191.110	ug/l	100
14) Allyl chloride	5.006	41	376504	47.332	ug/l	99
15) Acrylonitrile	5.706	53	724844	247.384	ug/l	99
16) Acetone	4.418	43	719552	229.394	ug/l	99
17) Carbon Disulfide	4.706	76	571218	41.406	ug/l	98
18) Methyl Acetate	5.018	43	331257	51.584	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	860339	51.620	ug/l	97
20) Methylene Chloride	5.259	84	242389	46.034	ug/l	99
21) trans-1,2-Dichloroethene	5.771	96	220125	44.189	ug/l	99
22) Diisopropyl ether	6.659	45	839839	50.203	ug/l	98
23) Vinyl Acetate	6.589	43	3888255	258.028	ug/l	99
24) 1,1-Dichloroethane	6.553	63	450320	48.595	ug/l	99
25) 2-Butanone	7.471	43	1013061	245.069	ug/l	99
26) 2,2-Dichloropropane	7.477	77	405093	48.104	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	267767	46.692	ug/l	93
28) Bromochloromethane	7.794	49	243643	55.644	ug/l	99
29) Tetrahydrofuran	7.824	42	648395	240.682	ug/l	99
30) Chloroform	7.947	83	461530	49.854	ug/l	98
31) Cyclohexane	8.235	56	382318	43.744	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	399309	48.429	ug/l	99
36) 1,1-Dichloropropene	8.353	75	319243	48.843	ug/l	99
37) Ethyl Acetate	7.547	43	414204	49.107	ug/l	97
38) Carbon Tetrachloride	8.341	117	334343	49.528	ug/l	95
39) Methylcyclohexane	9.582	83	346031	41.188	ug/l	98
40) Benzene	8.588	78	950108	47.731	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088197.D
 Acq On : 06 Nov 2025 11:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 07 02:14:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 11/07/2025
 Supervised By :Mahesh Dadoda 11/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	219840	49.521	ug/l	98
42) 1,2-Dichloroethane	8.647	62	382519	54.084	ug/l	99
43) Isopropyl Acetate	8.671	43	673655	51.976	ug/l	98
44) Trichloroethene	9.330	130	223931	48.130	ug/l	99
45) 1,2-Dichloropropane	9.600	63	248990	49.548	ug/l	100
46) Dibromomethane	9.688	93	183186	51.111	ug/l	98
47) Bromodichloromethane	9.865	83	377848	52.657	ug/l	99
48) Methyl methacrylate	9.665	41	322676	53.925	ug/l	99
49) 1,4-Dioxane	9.682	88	78651	1056.814	ug/l #	96
51) 4-Methyl-2-Pentanone	10.424	43	2015655	262.884	ug/l	99
52) Toluene	10.606	92	590716	48.133	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	416830	54.579	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	420085	51.836	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	226126	48.566	ug/l	97
56) Ethyl methacrylate	10.853	69	409411	55.565	ug/l	98
57) 1,3-Dichloropropane	11.141	76	418880	51.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1134178	295.927	ug/l	99
59) 2-Hexanone	11.176	43	1383404	271.980	ug/l	99
60) Dibromochloromethane	11.335	129	273750	51.728	ug/l	100
61) 1,2-Dibromoethane	11.447	107	240829	50.258	ug/l	99
64) Tetrachloroethene	11.082	164	179219	46.742	ug/l	96
65) Chlorobenzene	11.871	112	643318	48.740	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	225856	52.230	ug/l	99
67) Ethyl Benzene	11.941	91	1143816	49.369	ug/l	100
68) m/p-Xylenes	12.047	106	854968	98.489	ug/l	100
69) o-Xylene	12.376	106	414598	50.382	ug/l	99
70) Styrene	12.388	104	708429	52.793	ug/l	97
71) Bromoform	12.559	173	177159	54.897	ug/l #	99
73) Isopropylbenzene	12.671	105	1069170	48.910	ug/l	100
74) N-amyl acetate	12.500	43	294978m	47.535	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	349119	51.298	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	347305m	53.596	ug/l	
77) Bromobenzene	12.959	156	243847	51.729	ug/l	94
78) n-propylbenzene	13.012	91	1286470	48.224	ug/l	99
79) 2-Chlorotoluene	13.100	91	791500	52.027	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	892685	49.170	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	123904	53.338	ug/l	85
82) 4-Chlorotoluene	13.200	91	818980	49.758	ug/l	99
83) tert-Butylbenzene	13.412	119	755208	46.567	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	911175	50.163	ug/l	98
85) sec-Butylbenzene	13.594	105	1056811	44.353	ug/l	99
86) p-Isopropyltoluene	13.706	119	885544	46.329	ug/l	98
87) 1,3-Dichlorobenzene	13.712	146	460147	48.898	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	484765	47.963	ug/l	99
89) n-Butylbenzene	14.029	91	821878	43.408	ug/l	99
90) Hexachloroethane	14.312	117	169656	45.834	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	442866	48.822	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	82079	51.816	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	229269	41.734	ug/l	99
94) Hexachlorobutadiene	15.476	225	83175	40.657	ug/l	97
95) Naphthalene	15.611	128	846661	44.988	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	208129	39.512	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088197.D
Acq On : 06 Nov 2025 11:00
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 :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

Quant Time: Nov 07 02:14:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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

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

