

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088083.D
 Acq On : 23 Oct 2025 12:02
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 24 02:44:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 02:37:20 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/27/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	317042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	583838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	513566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	251277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	829477	151.300	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 302.600%#			
35) Dibromofluoromethane	8.147	113	612902	156.263	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 312.520%#			
50) Toluene-d8	10.547	98	2423445	160.354	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 320.700%#			
62) 4-Bromofluorobenzene	12.823	95	855591	160.301	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 320.600%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	559446	156.435	ug/l	100
3) Chloromethane	2.383	50	636497	151.285	ug/l	100
4) Vinyl Chloride	2.536	62	709780	154.833	ug/l	98
5) Bromomethane	2.942	94	399041	145.533	ug/l	99
6) Chloroethane	3.118	64	483772	146.472	ug/l	100
7) Trichlorofluoromethane	3.506	101	1113526	152.297	ug/l	97
8) Diethyl Ether	3.959	74	418383	153.964	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	620616	164.495	ug/l	99
10) Methyl Iodide	4.577	142	579553	146.858	ug/l	98
11) Tert butyl alcohol	5.536	59	687112	727.499	ug/l	98
12) 1,1-Dichloroethene	4.336	96	605802	152.025	ug/l	99
13) Acrolein	4.171	56	868773	817.761	ug/l	99
14) Allyl chloride	5.006	41	1039367	149.252	ug/l	97
15) Acrylonitrile	5.706	53	1962438	762.784	ug/l	99
16) Acetone	4.418	43	2050839	744.611	ug/l	97
17) Carbon Disulfide	4.700	76	1802128	148.772	ug/l	99
18) Methyl Acetate	5.012	43	837402	148.512	ug/l	98
19) Methyl tert-butyl Ether	5.789	73	2227290	152.197	ug/l	98
20) Methylene Chloride	5.259	84	650781	150.235	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	645153	146.416	ug/l	98
22) Diisopropyl ether	6.659	45	2329739	158.605	ug/l	99
23) Vinyl Acetate	6.589	43	10671220	806.501	ug/l	100
24) 1,1-Dichloroethane	6.553	63	1247462	153.312	ug/l	98
25) 2-Butanone	7.471	43	2779236	773.659	ug/l	99
26) 2,2-Dichloropropane	7.471	77	1131888	153.076	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	760672	151.064	ug/l	99
28) Bromochloromethane	7.794	49	596061	155.037	ug/l	97
29) Tetrahydrofuran	7.824	42	1817452	768.325	ug/l	100
30) Chloroform	7.947	83	1253456	154.201	ug/l	99
31) Cyclohexane	8.236	56	1181969	154.021	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	1103627	152.438	ug/l	96
36) 1,1-Dichloropropene	8.353	75	919113	160.490	ug/l	99
37) Ethyl Acetate	7.547	43	1144197	155.473	ug/l	98
38) Carbon Tetrachloride	8.341	117	956561	161.719	ug/l	96
39) Methylcyclohexane	9.577	83	1221844	165.983	ug/l	98
40) Benzene	8.588	78	2742115	157.221	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
 Data File : VN088083.D
 Acq On : 23 Oct 2025 12:02
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 24 02:44:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 24 02:37:20 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/24/2025
 Supervised By :Mahesh Dadoda 10/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	598399	153.840	ug/l	98
42) 1,2-Dichloroethane	8.653	62	970030	156.530	ug/l	100
43) Isopropyl Acetate	8.671	43	1833475	161.449	ug/l	98
44) Trichloroethene	9.335	130	646011	158.466	ug/l	95
45) 1,2-Dichloropropane	9.600	63	685501	155.683	ug/l	100
46) Dibromomethane	9.688	93	492395	156.795	ug/l	98
47) Bromodichloromethane	9.871	83	1002977	159.522	ug/l	98
48) Methyl methacrylate	9.659	41	858241	159.103	ug/l	96
49) 1,4-Dioxane	9.682	88	216888	3326.006	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	5433828	808.811	ug/l	99
52) Toluene	10.606	92	1731531	161.024	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	1142477	170.728	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	1176069	165.622	ug/l	95
55) 1,1,2-Trichloroethane	10.994	97	621088	152.240	ug/l	97
56) Ethyl methacrylate	10.853	69	1139330	176.733	ug/l	97
57) 1,3-Dichloropropane	11.141	76	1133717	158.102	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	3047762	907.564	ug/l	100
59) 2-Hexanone	11.177	43	3910437	886.644	ug/l	99
60) Dibromochloromethane	11.341	129	763098	164.568	ug/l	99
61) 1,2-Dibromoethane	11.447	107	679250	161.779	ug/l	99
64) Tetrachloroethene	11.082	164	530165	156.503	ug/l	94
65) Chlorobenzene	11.871	112	1860929	159.579	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.935	131	611842	160.145	ug/l	99
67) Ethyl Benzene	11.941	91	3353341	163.821	ug/l	100
68) m/p-Xylenes	12.047	106	2548912	332.341	ug/l	96
69) o-Xylene	12.376	106	1207897	166.137	ug/l	98
70) Styrene	12.388	104	2041763	172.216	ug/l	100
71) Bromoform	12.559	173	493476	173.079	ug/l #	98
73) Isopropylbenzene	12.671	105	3220528	166.175	ug/l	99
74) N-amyl acetate	12.482	43	1157298	151.264	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.918	83	957146	158.633	ug/l	100
76) 1,2,3-Trichloropropane	12.971	75	880864m	163.762	ug/l	
77) Bromobenzene	12.959	156	680258	162.773	ug/l	100
78) n-propylbenzene	13.012	91	3932907	166.291	ug/l	98
79) 2-Chlorotoluene	13.100	91	2271825	168.438	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	2676801	166.308	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.712	75	383072	185.532	ug/l #	79
82) 4-Chlorotoluene	13.200	91	2338686	160.269	ug/l	98
83) tert-Butylbenzene	13.418	119	2359884	164.130	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	2631783	163.426	ug/l	98
85) sec-Butylbenzene	13.594	105	3479715	164.725	ug/l	100
86) p-Isopropyltoluene	13.706	119	2852012	168.299	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	1336615	160.211	ug/l	100
88) 1,4-Dichlorobenzene	13.788	146	1384247	154.079	ug/l	100
89) n-Butylbenzene	14.029	91	2811417	167.487	ug/l	98
90) Hexachloroethane	14.306	117	554569	168.991	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	1314340	163.434	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	229843	163.663	ug/l	95
93) 1,2,4-Trichlorobenzene	15.364	180	833168	171.067	ug/l	99
94) Hexachlorobutadiene	15.476	225	297412	163.980	ug/l	99
95) Naphthalene	15.612	128	3005848	180.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	800234	171.359	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102325\
Data File : VN088083.D
Acq On : 23 Oct 2025 12:02
Operator : JC\MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/27/2025

Quant Time: Oct 24 02:44:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 24 02:37:20 2025
Response via : Initial Calibration

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

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

