

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087202.D
 Acq On : 26 Jun 2025 18:18
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 27 05:22:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:47 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	189074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	343180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	148691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	282734	103.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 207.820%#			
35) Dibromofluoromethane	8.171	113	222340	100.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.420%#			
50) Toluene-d8	10.565	98	907457	98.891	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 197.780%#			
62) 4-Bromofluorobenzene	12.847	95	313813	98.556	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 197.120%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	231259	97.606	ug/l	98
3) Chloromethane	2.395	50	222774	96.294	ug/l	96
4) Vinyl Chloride	2.553	62	244389	97.761	ug/l	100
5) Bromomethane	2.977	94	119492	89.067	ug/l	98
6) Chloroethane	3.147	64	117955	90.298	ug/l	98
7) Trichlorofluoromethane	3.524	101	279728	93.969	ug/l	98
8) Diethyl Ether	3.983	74	102174	77.162	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	199196	97.089	ug/l	99
10) Methyl Iodide	4.618	142	197516	106.575	ug/l	96
11) Tert butyl alcohol	5.536	59	249160	415.599	ug/l	99
12) 1,1-Dichloroethene	4.365	96	203525	91.762	ug/l	94
13) Acrolein	4.200	56	219814	444.689	ug/l	100
14) Allyl chloride	5.047	41	346927	98.514	ug/l	98
15) Acrylonitrile	5.736	53	755049	490.544	ug/l	99
16) Acetone	4.447	43	621040	503.506	ug/l	98
17) Carbon Disulfide	4.736	76	602301	98.728	ug/l	100
18) Methyl Acetate	5.047	43	320646	98.650	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	736860	96.454	ug/l	99
20) Methylene Chloride	5.294	84	209621	89.900	ug/l	93
21) trans-1,2-Dichloroethene	5.806	96	224446	91.243	ug/l	98
22) Diisopropyl ether	6.683	45	777048	98.380	ug/l	98
23) Vinyl Acetate	6.618	43	3535866	500.607	ug/l	99
24) 1,1-Dichloroethane	6.583	63	452441	96.988	ug/l	100
25) 2-Butanone	7.488	43	1069886	518.629	ug/l	100
26) 2,2-Dichloropropane	7.500	77	371089	100.073	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	288207	100.768	ug/l	99
28) Bromochloromethane	7.824	49	213748	104.230	ug/l	99
29) Tetrahydrofuran	7.841	42	703671	520.262	ug/l	99
30) Chloroform	7.971	83	429252	97.552	ug/l	99
31) Cyclohexane	8.265	56	413264	98.104	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	369535	97.750	ug/l	98
36) 1,1-Dichloropropene	8.377	75	327699	100.837	ug/l	99
37) Ethyl Acetate	7.571	43	410211	100.307	ug/l	99
38) Carbon Tetrachloride	8.371	117	313156	98.942	ug/l	98
39) Methylcyclohexane	9.600	83	390485	98.482	ug/l	98
40) Benzene	8.612	78	1018983	101.480	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087202.D
 Acq On : 26 Jun 2025 18:18
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 27 05:22:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:47 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/27/2025
 Supervised By : Mahesh Dadoda 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	220179	103.520	ug/l	99
42) 1,2-Dichloroethane	8.671	62	323063	98.967	ug/l	98
43) Isopropyl Acetate	8.694	43	627098	104.961	ug/l	98
44) Trichloroethene	9.353	130	229067	95.279	ug/l	98
45) 1,2-Dichloropropane	9.624	63	242812	93.814	ug/l	99
46) Dibromomethane	9.712	93	169948	96.892	ug/l	100
47) Bromodichloromethane	9.888	83	343370	97.474	ug/l	99
48) Methyl methacrylate	9.682	41	294217	101.856	ug/l	98
49) 1,4-Dioxane	9.700	88	85107	2004.641	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	1964664	492.637	ug/l	99
52) Toluene	10.629	92	632561	98.540	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	391177	99.590	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	415729	99.474	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	233977	96.374	ug/l	97
56) Ethyl methacrylate	10.876	69	409710	100.670	ug/l	99
57) 1,3-Dichloropropane	11.165	76	417372	97.306	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1158769	529.046	ug/l	98
59) 2-Hexanone	11.200	43	1356383	510.308	ug/l	97
60) Dibromochloromethane	11.359	129	258980	98.087	ug/l	99
61) 1,2-Dibromoethane	11.470	107	248616	96.877	ug/l	98
64) Tetrachloroethene	11.100	164	196864	102.793	ug/l	98
65) Chlorobenzene	11.888	112	686925	98.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	222133	100.199	ug/l	99
67) Ethyl Benzene	11.959	91	1198963	103.579	ug/l	98
68) m/p-Xylenes	12.070	106	937003	211.557	ug/l	98
69) o-Xylene	12.394	106	446273	110.841	ug/l	97
70) Styrene	12.412	104	762764	110.374	ug/l	99
71) Bromoform	12.576	173	171779	104.408	ug/l #	100
73) Isopropylbenzene	12.694	105	1110817	110.356	ug/l	100
74) N-amyl acetate	12.506	43	394633	106.101	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	367954	101.494	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	356801m	102.001	ug/l	
77) Bromobenzene	12.976	156	260023	106.292	ug/l	98
78) n-propylbenzene	13.035	91	1349217	108.828	ug/l	100
79) 2-Chlorotoluene	13.123	91	792357	102.667	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	913429	109.924	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	159408	107.845	ug/l	89
82) 4-Chlorotoluene	13.217	91	816172	106.080	ug/l	100
83) tert-Butylbenzene	13.435	119	772423	108.215	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	920480	109.167	ug/l	100
85) sec-Butylbenzene	13.611	105	1126759	107.147	ug/l	99
86) p-Isopropyltoluene	13.723	119	943846	109.433	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	503280	102.237	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	505455	99.865	ug/l	100
89) n-Butylbenzene	14.053	91	835367	104.247	ug/l	99
90) Hexachloroethane	14.329	117	173255	103.803	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	469960	101.366	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	85807	103.683	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	271823	105.314	ug/l	98
94) Hexachlorobutadiene	15.494	225	80252	98.563	ug/l	99
95) Naphthalene	15.635	128	1097397	112.071	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	262741	103.099	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
Data File : VN087202.D
Acq On : 26 Jun 2025 18:18
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/27/2025
Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:22:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:16:47 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\VN062625\
 Data File : VN087202.D
 Acq On : 26 Jun 2025 18:18
 Operator : JC\MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/27/2025

Supervised By :Mahesh Dadoda 06/27/2025

Quant Time: Jun 27 05:22:39 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M

Quant Title : SW846 8260

QLast Update : Fri Jun 27 05:16:47 2025

Response via : Initial Calibration

