

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087927.D
 Acq On : 23 Sep 2025 10:36
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:48:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 04:45:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	250140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	448432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	431445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	450719	107.068	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 214.140%#			
35) Dibromofluoromethane	8.147	113	345448	106.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 212.200%#			
50) Toluene-d8	10.547	98	1281272	111.905	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 223.820%#			
62) 4-Bromofluorobenzene	12.829	95	458572	112.049	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 224.100%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	252462	87.151	ug/l	97
3) Chloromethane	2.383	50	248449	83.763	ug/l	100
4) Vinyl Chloride	2.536	62	258079	85.285	ug/l	100
5) Bromomethane	2.959	94	165493	88.215	ug/l	98
6) Chloroethane	3.130	64	168581	85.680	ug/l	92
7) Trichlorofluoromethane	3.506	101	408423	82.895	ug/l	96
8) Diethyl Ether	3.959	74	157544	84.639	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	219815	84.412	ug/l	98
10) Methyl Iodide	4.577	142	238972	101.965	ug/l	96
11) Tert butyl alcohol	5.524	59	261539	431.343	ug/l	98
12) 1,1-Dichloroethene	4.336	96	224049	85.270	ug/l	95
13) Acrolein	4.177	56	413952	532.076	ug/l	97
14) Allyl chloride	5.012	41	375296	87.735	ug/l	99
15) Acrylonitrile	5.712	53	820847	431.586	ug/l	99
16) Acetone	4.418	43	684989	393.064	ug/l	98
17) Carbon Disulfide	4.700	76	699756	85.238	ug/l	97
18) Methyl Acetate	5.018	43	383631	88.503	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	905869	88.256	ug/l	100
20) Methylene Chloride	5.259	84	285438	81.418	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	271323	84.233	ug/l	92
22) Diisopropyl ether	6.659	45	881761	88.301	ug/l	95
23) Vinyl Acetate	6.589	43	3755895m	446.709	ug/l	
24) 1,1-Dichloroethane	6.553	63	492345	84.392	ug/l	99
25) 2-Butanone	7.471	43	1133783	428.271	ug/l	99
26) 2,2-Dichloropropane	7.477	77	434345	83.795	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	327964	85.571	ug/l	99
28) Bromochloromethane	7.800	49	299346	94.438	ug/l	100
29) Tetrahydrofuran	7.824	42	745260	439.646	ug/l	99
30) Chloroform	7.947	83	537746	84.299	ug/l	97
31) Cyclohexane	8.241	56	379372	80.366	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	454412	84.305	ug/l	97
36) 1,1-Dichloropropene	8.353	75	350081	89.421	ug/l	98
37) Ethyl Acetate	7.547	43	451409	87.805	ug/l	99
38) Carbon Tetrachloride	8.341	117	387306	86.213	ug/l	96
39) Methylcyclohexane	9.582	83	390119	90.330	ug/l	99
40) Benzene	8.588	78	1128183	87.033	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
 Data File : VN087927.D
 Acq On : 23 Sep 2025 10:36
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 24 04:48:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 04:45:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	235709	88.718	ug/l	95
42) 1,2-Dichloroethane	8.653	62	419019	86.620	ug/l	99
43) Isopropyl Acetate	8.671	43	725147	89.609	ug/l	99
44) Trichloroethene	9.335	130	272727	88.080	ug/l	90
45) 1,2-Dichloropropane	9.600	63	277676	85.427	ug/l	100
46) Dibromomethane	9.688	93	224518	87.537	ug/l	97
47) Bromodichloromethane	9.865	83	438840	87.234	ug/l	98
48) Methyl methacrylate	9.659	41	343963	91.785	ug/l	96
49) 1,4-Dioxane	9.677	88	94746	1711.395	ug/l #	85
51) 4-Methyl-2-Pentanone	10.424	43	2280534	451.629	ug/l	99
52) Toluene	10.606	92	727172	89.394	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	464641	90.246	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	479067	89.589	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	285624	86.356	ug/l	99
56) Ethyl methacrylate	10.853	69	459730	96.195	ug/l	99
57) 1,3-Dichloropropane	11.141	76	483097	88.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	1121816	499.234	ug/l	98
59) 2-Hexanone	11.176	43	1603636	480.290	ug/l	98
60) Dibromochloromethane	11.335	129	350657	90.171	ug/l	99
61) 1,2-Dibromoethane	11.447	107	306002	87.393	ug/l	100
64) Tetrachloroethene	11.082	164	227824	86.687	ug/l	97
65) Chlorobenzene	11.871	112	811449	88.379	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	289426	87.414	ug/l	99
67) Ethyl Benzene	11.941	91	1412236	92.180	ug/l	98
68) m/p-Xylenes	12.047	106	1061087	181.095	ug/l	97
69) o-Xylene	12.376	106	518806	92.161	ug/l	97
70) Styrene	12.388	104	915672	94.710	ug/l	98
71) Bromoform	12.559	173	249268	92.794	ug/l #	99
73) Isopropylbenzene	12.670	105	1331440	92.265	ug/l	100
74) N-amyl acetate	12.494	43	438667m	102.053	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	444065	85.408	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	398893m	86.367	ug/l	
77) Bromobenzene	12.959	156	335228	87.310	ug/l	99
78) n-propylbenzene	13.012	91	1626563	90.155	ug/l	99
79) 2-Chlorotoluene	13.100	91	977059	88.941	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	1151230	92.232	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	156770	94.849	ug/l	98
82) 4-Chlorotoluene	13.200	91	1006766	90.951	ug/l	100
83) tert-Butylbenzene	13.412	119	986126	93.339	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	1182488	92.362	ug/l	100
85) sec-Butylbenzene	13.594	105	1407683	90.879	ug/l	98
86) p-Isopropyltoluene	13.706	119	1206696	91.980	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	656218	87.583	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	662481	86.037	ug/l	98
89) n-Butylbenzene	14.035	91	1126206	90.837	ug/l	100
90) Hexachloroethane	14.306	117	236932	86.459	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	632359	87.559	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	102736	85.039	ug/l	97
93) 1,2,4-Trichlorobenzene	15.364	180	386396	90.615	ug/l	96
94) Hexachlorobutadiene	15.470	225	134018	85.390	ug/l	99
95) Naphthalene	15.611	128	1285628	93.924	ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	372476	89.850	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 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\VN092325\
Data File : VN087927.D
Acq On : 23 Sep 2025 10:36
Operator : JC\MD
Sample : VSTDIC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/24/2025
Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 04:48:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 04:45:42 2025
Response via : Initial Calibration

