

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086873.D
 Acq On : 06 Jun 2025 17:56
 Operator : JC\MD
 Sample : VN0606WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 02:27:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	219730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	395186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	148876	50.605	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.200%			
35) Dibromofluoromethane	8.177	113	121691	51.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.920%			
50) Toluene-d8	10.571	98	474056	51.132	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.260%			
62) 4-Bromofluorobenzene	12.847	95	179715	52.174	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.159	85	44832	20.463	ug/l	98
3) Chloromethane	2.395	50	51365	18.156	ug/l	95
4) Vinyl Chloride	2.559	62	55794	19.118	ug/l	97
5) Bromomethane	3.000	94	35101	21.493	ug/l	92
6) Chloroethane	3.159	64	36243	19.226	ug/l	93
7) Trichlorofluoromethane	3.530	101	74920	19.649	ug/l	94
8) Diethyl Ether	3.983	74	32493	19.559	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.400	101	47290	19.741	ug/l	99
10) Methyl Iodide	4.606	142	59738	19.237	ug/l	94
11) Tert butyl alcohol	5.547	59	79508	99.601	ug/l	100
12) 1,1-Dichloroethene	4.365	96	49074	20.066	ug/l	95
13) Acrolein	4.200	56	21376	84.597	ug/l	100
14) Allyl chloride	5.047	41	78159	19.270	ug/l	97
15) Acrylonitrile	5.741	53	184190	98.717	ug/l	99
16) Acetone	4.447	43	146680	94.018	ug/l	100
17) Carbon Disulfide	4.736	76	127576	18.858	ug/l	99
18) Methyl Acetate	5.047	43	90520	19.910	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	173167	19.555	ug/l	98
20) Methylene Chloride	5.300	84	55243	18.913	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	51144	18.796	ug/l	98
22) Diisopropyl ether	6.688	45	167445	19.585	ug/l	98
23) Vinyl Acetate	6.618	43	718437	99.458	ug/l	99
24) 1,1-Dichloroethane	6.583	63	96547	19.623	ug/l	97
25) 2-Butanone	7.494	43	249082	98.220	ug/l	98
26) 2,2-Dichloropropane	7.500	77	81943	21.410	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	63731	19.584	ug/l	99
28) Bromochloromethane	7.824	49	46818	19.353	ug/l	100
29) Tetrahydrofuran	7.853	42	161294	97.636	ug/l	98
30) Chloroform	7.977	83	95398	19.415	ug/l	98
31) Cyclohexane	8.271	56	92652	19.418	ug/l	98
32) 1,1,1-Trichloroethane	8.182	97	81778	19.568	ug/l	95
36) 1,1-Dichloropropene	8.382	75	69701	19.973	ug/l	99
37) Ethyl Acetate	7.571	43	88369	19.892	ug/l	99
38) Carbon Tetrachloride	8.371	117	68477	19.987	ug/l	99
39) Methylcyclohexane	9.606	83	94822	19.833	ug/l	95
40) Benzene	8.612	78	223268	19.565	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086873.D
 Acq On : 06 Jun 2025 17:56
 Operator : JC\MD
 Sample : VN0606WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/09/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 02:27:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	49096	19.678	ug/l	98
42) 1,2-Dichloroethane	8.677	62	68406	19.763	ug/l	100
43) Isopropyl Acetate	8.694	43	141638	19.865	ug/l	100
44) Trichloroethene	9.359	130	53896	19.918	ug/l	98
45) 1,2-Dichloropropane	9.629	63	55221	19.890	ug/l	99
46) Dibromomethane	9.718	93	37087	20.112	ug/l	99
47) Bromodichloromethane	9.894	83	74729	19.696	ug/l	97
48) Methyl methacrylate	9.688	41	63988	19.498	ug/l	98
49) 1,4-Dioxane	9.700	88	26313	440.733	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	439259	102.333	ug/l	99
52) Toluene	10.635	92	139306	19.975	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	85358	20.120	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	91366	20.127	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	53851	20.068	ug/l	98
56) Ethyl methacrylate	10.882	69	89093	20.845	ug/l	97
57) 1,3-Dichloropropane	11.165	76	92230	19.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	239491	93.945	ug/l	100
59) 2-Hexanone	11.206	43	274272	99.198	ug/l	94
60) Dibromochloromethane	11.359	129	56871	20.341	ug/l	99
61) 1,2-Dibromoethane	11.470	107	55482	20.172	ug/l	97
64) Tetrachloroethene	11.106	164	43110	19.644	ug/l	96
65) Chlorobenzene	11.894	112	151480	19.807	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	50072	20.368	ug/l	97
67) Ethyl Benzene	11.965	91	259687	19.713	ug/l	97
68) m/p-Xylenes	12.070	106	201980	40.053	ug/l	99
69) o-Xylene	12.400	106	98404	20.375	ug/l	100
70) Styrene	12.412	104	166648	20.164	ug/l	99
71) Bromoform	12.576	173	37317	20.486	ug/l #	100
73) Isopropylbenzene	12.694	105	250742	20.054	ug/l	99
74) N-amyl acetate	12.523	43	75888	17.368	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	85968	20.295	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	77249m	18.935	ug/l	
77) Bromobenzene	12.982	156	57722	20.130	ug/l	98
78) n-propylbenzene	13.035	91	307213	20.218	ug/l	100
79) 2-Chlorotoluene	13.123	91	183659	20.154	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	210628	20.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	33012	18.627	ug/l	97
82) 4-Chlorotoluene	13.223	91	187083	20.290	ug/l	99
83) tert-Butylbenzene	13.435	119	187373	19.829	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	212525	20.530	ug/l	98
85) sec-Butylbenzene	13.617	105	280806	20.463	ug/l	99
86) p-Isopropyltoluene	13.729	119	228309	20.126	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	113866	20.183	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	115661	20.108	ug/l	98
89) n-Butylbenzene	14.053	91	220996	20.113	ug/l	100
90) Hexachloroethane	14.335	117	39423	20.503	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	108774	20.068	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19930	19.673	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	71299	20.600	ug/l	98
94) Hexachlorobutadiene	15.500	225	26618	20.642	ug/l	100
95) Naphthalene	15.641	128	260669	20.233	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	69084	20.089	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086873.D
Acq On : 06 Jun 2025 17:56
Operator : JC\MD
Sample : VN0606WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/09/2025
Supervised By :Mahesh Dadoda 06/09/2025

Quant Time: Jun 07 02:27:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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

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

