

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088218.D
 Acq On : 06 Nov 2025 19:18
 Operator : JC\MD
 Sample : VN1106WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBSD01

Quant Time: Nov 07 02:26:08 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	315748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	600237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	522703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	246663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	307811	56.376	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.760%			
35) Dibromofluoromethane	8.147	113	212664	52.738	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	10.547	98	773492	49.782	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.823	95	283578	51.679	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	61420	17.245	ug/l	94
3) Chloromethane	2.383	50	76392	18.232	ug/l	97
4) Vinyl Chloride	2.536	62	81739	17.904	ug/l	99
5) Bromomethane	2.983	94	46943	17.191	ug/l	93
6) Chloroethane	3.142	64	54844	16.673	ug/l	96
7) Trichlorofluoromethane	3.512	101	126621	17.389	ug/l	100
8) Diethyl Ether	3.965	74	51818	19.147	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	65523	17.438	ug/l	96
10) Methyl Iodide	4.583	142	64091	18.664	ug/l	96
11) Tert butyl alcohol	5.524	59	107349	114.125	ug/l	99
12) 1,1-Dichloroethene	4.342	96	65503	16.505	ug/l	84
13) Acrolein	4.183	56	73064	69.056	ug/l	100
14) Allyl chloride	5.012	41	133414	19.179	ug/l	99
15) Acrylonitrile	5.706	53	271889	106.114	ug/l	100
16) Acetone	4.424	43	262988	95.876	ug/l	93
17) Carbon Disulfide	4.706	76	205435	17.029	ug/l	97
18) Methyl Acetate	5.024	43	129754	23.106	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	297224	20.393	ug/l	98
20) Methylene Chloride	5.265	84	88614	19.245	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	78127	17.935	ug/l	96
22) Diisopropyl ether	6.659	45	301895	20.637	ug/l	97
23) Vinyl Acetate	6.589	43	1367308	103.761	ug/l	98
24) 1,1-Dichloroethane	6.559	63	158619	19.574	ug/l	97
25) 2-Butanone	7.471	43	382634	105.850	ug/l	99
26) 2,2-Dichloropropane	7.477	77	130461	17.716	ug/l	98
27) cis-1,2-Dichloroethene	7.465	96	95600	19.063	ug/l	96
28) Bromochloromethane	7.800	49	80735	21.085	ug/l	98
29) Tetrahydrofuran	7.830	42	249907	106.081	ug/l	99
30) Chloroform	7.953	83	161776	19.983	ug/l	100
31) Cyclohexane	8.241	56	138727	18.151	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	139724	19.378	ug/l	93
36) 1,1-Dichloropropene	8.353	75	112617	19.127	ug/l	100
37) Ethyl Acetate	7.547	43	150238	19.773	ug/l	98
38) Carbon Tetrachloride	8.347	117	116864	19.218	ug/l	98
39) Methylcyclohexane	9.577	83	119474	15.787	ug/l	99
40) Benzene	8.588	78	341636	19.053	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088218.D
 Acq On : 06 Nov 2025 19:18
 Operator : JC\MD
 Sample : VN1106WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Nov 07 02:26:08 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)
41) Methacrylonitrile	7.759	41	76598	19.154	ug/l	96
42) 1,2-Dichloroethane	8.653	62	137000	21.503	ug/l	98
43) Isopropyl Acetate	8.677	43	244676	20.957	ug/l	99
44) Trichloroethene	9.330	130	77594	18.514	ug/l	89
45) 1,2-Dichloropropane	9.600	63	88076	19.456	ug/l	100
46) Dibromomethane	9.688	93	64966	20.122	ug/l	97
47) Bromodichloromethane	9.871	83	129936	20.102	ug/l	97
48) Methyl methacrylate	9.665	41	113289	21.017	ug/l	98
49) 1,4-Dioxane	9.682	88	31712	473.021	ug/l #	97
51) 4-Methyl-2-Pentanone	10.424	43	755959	109.448	ug/l	99
52) Toluene	10.606	92	209323	18.934	ug/l	96
53) t-1,3-Dichloropropene	10.812	75	134676	19.576	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	143462	19.651	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	82938	19.774	ug/l	97
56) Ethyl methacrylate	10.853	69	134299	20.234	ug/l	97
57) 1,3-Dichloropropane	11.141	76	145866	19.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	400831	116.099	ug/l	99
59) 2-Hexanone	11.177	43	465795	101.659	ug/l	97
60) Dibromochloromethane	11.335	129	91503	19.194	ug/l	99
61) 1,2-Dibromoethane	11.447	107	83915	19.440	ug/l	98
64) Tetrachloroethene	11.082	164	65190	18.907	ug/l	90
65) Chlorobenzene	11.871	112	228602	19.261	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.935	131	77849	20.020	ug/l	100
67) Ethyl Benzene	11.941	91	395378	18.978	ug/l	99
68) m/p-Xylenes	12.047	106	295704	37.882	ug/l	100
69) o-Xylene	12.376	106	144005	19.461	ug/l	97
70) Styrene	12.388	104	239200	19.823	ug/l	98
71) Bromoform	12.559	173	57719	19.890	ug/l #	99
73) Isopropylbenzene	12.671	105	362986	19.080	ug/l	100
74) N-amyl acetate	12.594	43	96234m	17.819	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	125234	21.144	ug/l	97
76) 1,2,3-Trichloropropane	12.971	75	104593m	18.547	ug/l	
77) Bromobenzene	12.959	156	86764	21.149	ug/l	99
78) n-propylbenzene	13.012	91	439980	18.951	ug/l	99
79) 2-Chlorotoluene	13.106	91	270685	20.445	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	304404	19.266	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.718	75	37957	18.775	ug/l	89
82) 4-Chlorotoluene	13.200	91	278352	19.432	ug/l	99
83) tert-Butylbenzene	13.412	119	256012	18.139	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	311134	19.682	ug/l	99
85) sec-Butylbenzene	13.594	105	365493	17.626	ug/l	100
86) p-Isopropyltoluene	13.706	119	299729	18.018	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	160959	19.654	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	164686	18.723	ug/l	96
89) n-Butylbenzene	14.035	91	282866	17.167	ug/l	100
90) Hexachloroethane	14.306	117	55520	17.235	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	154672	19.593	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27397	19.873	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	84917	17.761	ug/l	96
94) Hexachlorobutadiene	15.470	225	28519	16.018	ug/l	99
95) Naphthalene	15.617	128	298400	18.219	ug/l	99
96) 1,2,3-Trichlorobenzene	15.812	180	74721	16.300	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088218.D
Acq On : 06 Nov 2025 19:18
Operator : JC\MD
Sample : VN1106WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBSD01

Manual Integrations
APPROVED

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

Quant Time: Nov 07 02:26:08 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

Manual Integrations APPROVED

Quant Time: Nov 07 02:26:08 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

