

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086916.D
 Acq On : 10 Jun 2025 10:30
 Operator : JC\MD
 Sample : VN0610WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 01:48:54 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	8.230	168	249843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	443174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	389297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189620	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	151805	45.381	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.760%		
35) Dibromofluoromethane	8.177	113	129937	49.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	10.571	98	505508	48.620	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.847	95	186676	48.327	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	47416	19.034	ug/l	98
3) Chloromethane	2.401	50	51246	15.931	ug/l	100
4) Vinyl Chloride	2.553	62	59638	17.973	ug/l	98
5) Bromomethane	3.000	94	36539	19.677	ug/l	96
6) Chloroethane	3.159	64	39443	18.402	ug/l	96
7) Trichlorofluoromethane	3.530	101	79526	18.343	ug/l	97
8) Diethyl Ether	3.983	74	35508	18.798	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	49596	18.208	ug/l	99
10) Methyl Iodide	4.612	142	51915	14.703	ug/l	95
11) Tert butyl alcohol	5.530	59	74605	82.194	ug/l	99
12) 1,1-Dichloroethene	4.365	96	52125	18.744	ug/l	90
13) Acrolein	4.200	56	22542	78.459	ug/l	98
14) Allyl chloride	5.047	41	78157	16.947	ug/l	97
15) Acrylonitrile	5.741	53	189727	89.429	ug/l	99
16) Acetone	4.447	43	142458	80.306	ug/l	97
17) Carbon Disulfide	4.736	76	131873	17.144	ug/l	100
18) Methyl Acetate	5.047	43	88551	17.129	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	187833	18.655	ug/l	99
20) Methylene Chloride	5.300	84	57671	17.365	ug/l	95
21) trans-1,2-Dichloroethene	5.812	96	55486	17.934	ug/l	96
22) Diisopropyl ether	6.688	45	176809	18.188	ug/l	96
23) Vinyl Acetate	6.618	43	744861	90.687	ug/l	98
24) 1,1-Dichloroethane	6.583	63	101669	18.173	ug/l	98
25) 2-Butanone	7.494	43	242187	83.991	ug/l	95
26) 2,2-Dichloropropane	7.500	77	89631	20.596	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	69159	18.691	ug/l	99
28) Bromochloromethane	7.824	49	45748	16.632	ug/l	93
29) Tetrahydrofuran	7.847	42	160591	85.494	ug/l	97
30) Chloroform	7.977	83	101594	18.184	ug/l	97
31) Cyclohexane	8.265	56	89487	16.494	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	85981	18.094	ug/l	98
36) 1,1-Dichloropropene	8.382	75	74129	18.942	ug/l	100
37) Ethyl Acetate	7.571	43	88740	17.812	ug/l	99
38) Carbon Tetrachloride	8.371	117	72144	18.777	ug/l	97
39) Methylcyclohexane	9.606	83	85476	15.942	ug/l	96
40) Benzene	8.612	78	236213	18.458	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086916.D
 Acq On : 10 Jun 2025 10:30
 Operator : JC\MD
 Sample : VN0610WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2025
 Supervised By : Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 01:48:54 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	48124	17.200	ug/l	93
42) 1,2-Dichloroethane	8.677	62	72690	18.727	ug/l	99
43) Isopropyl Acetate	8.694	43	144037	18.014	ug/l	97
44) Trichloroethene	9.353	130	58449	19.262	ug/l	97
45) 1,2-Dichloropropane	9.624	63	58046	18.644	ug/l	97
46) Dibromomethane	9.712	93	39229	18.970	ug/l	98
47) Bromodichloromethane	9.888	83	80034	18.810	ug/l	99
48) Methyl methacrylate	9.682	41	64650	17.567	ug/l	96
49) 1,4-Dioxane	9.700	88	23656	353.325	ug/l #	98
51) 4-Methyl-2-Pentanone	10.447	43	440301	91.469	ug/l	98
52) Toluene	10.629	92	148340	18.967	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	93038	19.555	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	98066	19.264	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	58629	19.483	ug/l	99
56) Ethyl methacrylate	10.882	69	93272	19.460	ug/l	96
57) 1,3-Dichloropropane	11.165	76	99132	18.990	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	251485	87.967	ug/l	98
59) 2-Hexanone	11.206	43	271013	87.405	ug/l	91
60) Dibromochloromethane	11.359	129	61081	19.481	ug/l	99
61) 1,2-Dibromoethane	11.470	107	58347	18.916	ug/l	100
64) Tetrachloroethene	11.106	164	44151	17.920	ug/l	94
65) Chlorobenzene	11.888	112	162051	18.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	52766	19.118	ug/l	99
67) Ethyl Benzene	11.965	91	270410	18.284	ug/l	98
68) m/p-Xylenes	12.070	106	213409	37.696	ug/l	96
69) o-Xylene	12.400	106	102597	18.922	ug/l	98
70) Styrene	12.412	104	176358	19.008	ug/l	99
71) Bromoform	12.576	173	41058	20.077	ug/l #	98
73) Isopropylbenzene	12.694	105	249411	18.055	ug/l	100
74) N-amyl acetate	12.529	43	98634m	20.433	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.941	83	90657	19.372	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	77098m	17.105	ug/l	
77) Bromobenzene	12.976	156	61956	19.557	ug/l	97
78) n-propylbenzene	13.035	91	298896	17.805	ug/l	100
79) 2-Chlorotoluene	13.123	91	183491	18.226	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	201924	17.705	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	39145	19.992	ug/l	91
82) 4-Chlorotoluene	13.217	91	188207	18.476	ug/l	99
83) tert-Butylbenzene	13.435	119	186449	17.859	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	206670	18.071	ug/l	100
85) sec-Butylbenzene	13.612	105	255364	16.843	ug/l	99
86) p-Isopropyltoluene	13.729	119	212141	16.927	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	117325	18.823	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	118648	18.671	ug/l	99
89) n-Butylbenzene	14.053	91	197259	16.250	ug/l	99
90) Hexachloroethane	14.329	117	36492	17.178	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	112799	18.837	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	20803	18.587	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	64838	16.956	ug/l	100
94) Hexachlorobutadiene	15.500	225	20732	14.552	ug/l	98
95) Naphthalene	15.635	128	257750	18.109	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	59536	15.670	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086916.D
Acq On : 10 Jun 2025 10:30
Operator : JC\MD
Sample : VN0610WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Quant Time: Jun 11 01:48:54 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

