

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087211.D
 Acq On : 27 Jun 2025 11:27
 Operator : JC\MD
 Sample : VN0627WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 27 23:41:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	143301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	101264	49.104	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.200%		
35) Dibromofluoromethane	8.177	113	91710	56.763	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.520%		
50) Toluene-d8	10.565	98	320853	48.016	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.040%		
62) 4-Bromofluorobenzene	12.847	95	115299	49.726	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	36856	20.524	ug/l	95
3) Chloromethane	2.395	50	38699	22.071	ug/l	98
4) Vinyl Chloride	2.554	62	36076	19.041	ug/l	98
5) Bromomethane	3.001	94	21735	21.376	ug/l	100
6) Chloroethane	3.159	64	20281	20.485	ug/l #	86
7) Trichlorofluoromethane	3.530	101	48344	21.428	ug/l	100
8) Diethyl Ether	3.983	74	24375	24.288	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.406	101	34695	20.049	ug/l	99
10) Methyl Iodide	4.618	142	28322	20.163	ug/l	98
11) Tert butyl alcohol	5.536	59	49082	108.019	ug/l	99
12) 1,1-Dichloroethene	4.371	96	34626	20.598	ug/l	96
13) Acrolein	4.201	56	50036	133.557	ug/l	99
14) Allyl chloride	5.048	41	60070	21.644	ug/l	97
15) Acrylonitrile	5.736	53	136772	110.153	ug/l	100
16) Acetone	4.448	43	114156	110.279	ug/l	96
17) Carbon Disulfide	4.742	76	108684	20.924	ug/l	99
18) Methyl Acetate	5.042	43	56875	22.306	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	130557	22.548	ug/l	100
20) Methylene Chloride	5.300	84	41291	21.875	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	38074	20.422	ug/l	97
22) Diisopropyl ether	6.683	45	135402	22.619	ug/l	98
23) Vinyl Acetate	6.606	43	566985	105.915	ug/l	99
24) 1,1-Dichloroethane	6.589	63	73185	20.700	ug/l	99
25) 2-Butanone	7.489	43	164325	105.101	ug/l	98
26) 2,2-Dichloropropane	7.494	77	56422	20.076	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	41318	19.061	ug/l	99
28) Bromochloromethane	7.824	49	36800	23.677	ug/l	99
29) Tetrahydrofuran	7.847	42	118780	115.872	ug/l	97
30) Chloroform	7.971	83	72296	21.678	ug/l	95
31) Cyclohexane	8.259	56	47081	14.747	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	58399	20.382	ug/l	96
36) 1,1-Dichloropropene	8.377	75	40734	17.213	ug/l	99
37) Ethyl Acetate	7.571	43	56531	17.032	ug/l	98
38) Carbon Tetrachloride	8.371	117	42465	18.425	ug/l	98
39) Methylcyclohexane	9.606	83	47109	16.316	ug/l	95
40) Benzene	8.612	78	125083	17.106	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087211.D
 Acq On : 27 Jun 2025 11:27
 Operator : JC\MD
 Sample : VN0627WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 27 23:41:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	36611	23.638	ug/l	98
42) 1,2-Dichloroethane	8.677	62	44863	18.873	ug/l	100
43) Isopropyl Acetate	8.694	43	78742	18.099	ug/l	99
44) Trichloroethene	9.353	130	31163	17.800	ug/l	95
45) 1,2-Dichloropropane	9.624	63	30669	16.272	ug/l	97
46) Dibromomethane	9.712	93	23645	18.512	ug/l	97
47) Bromodichloromethane	9.888	83	45729	17.827	ug/l	97
48) Methyl methacrylate	9.683	41	35732	16.987	ug/l #	90
49) 1,4-Dioxane	9.700	88	10686	298.697	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	263150	81.498	ug/l	96
52) Toluene	10.630	92	86864	18.582	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	63340	22.145	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	53193	17.478	ug/l #	87
55) 1,1,2-Trichloroethane	11.012	97	38786	21.939	ug/l	100
56) Ethyl methacrylate	10.882	69	63451	20.913	ug/l	97
57) 1,3-Dichloropropane	11.159	76	66685	21.350	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	144165	87.066	ug/l	96
59) 2-Hexanone	11.206	43	177301	91.603	ug/l	100
60) Dibromochloromethane	11.359	129	37260	19.379	ug/l	99
61) 1,2-Dibromoethane	11.471	107	34907	18.679	ug/l	99
64) Tetrachloroethene	11.100	164	29051	19.873	ug/l	97
65) Chlorobenzene	11.894	112	96423	18.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	30859	18.237	ug/l	99
67) Ethyl Benzene	11.965	91	163188	18.470	ug/l	100
68) m/p-Xylenes	12.071	106	128116	37.897	ug/l	99
69) o-Xylene	12.394	106	62780	20.428	ug/l	98
70) Styrene	12.412	104	106444	20.179	ug/l	98
71) Bromoform	12.576	173	23780	18.936	ug/l #	100
73) Isopropylbenzene	12.694	105	149786	18.622	ug/l	100
74) N-amyl acetate	12.541	43	58379m	19.506	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.935	83	54490	18.809	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	46772m	17.644	ug/l	
77) Bromobenzene	12.976	156	36175	18.506	ug/l	98
78) n-propylbenzene	13.035	91	182433	18.415	ug/l	99
79) 2-Chlorotoluene	13.123	91	112427	18.230	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	125687	18.928	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	21444	18.155	ug/l	94
82) 4-Chlorotoluene	13.218	91	115798	18.835	ug/l	99
83) tert-Butylbenzene	13.435	119	107656	18.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	126735	18.810	ug/l	99
85) sec-Butylbenzene	13.612	105	161999	19.278	ug/l	99
86) p-Isopropyltoluene	13.723	119	135937	19.724	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	72752	18.495	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	75052	18.557	ug/l	96
89) n-Butylbenzene	14.053	91	124059	19.374	ug/l	99
90) Hexachloroethane	14.329	117	26366	19.768	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	71576	19.320	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12522	18.935	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	41904	20.317	ug/l	99
94) Hexachlorobutadiene	15.494	225	12068	18.548	ug/l	95
95) Naphthalene	15.635	128	151413	19.351	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36451	17.900	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
Data File : VN087211.D
Acq On : 27 Jun 2025 11:27
Operator : JC\MD
Sample : VN0627WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 27 23:41:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

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

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

