

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087737.D
 Acq On : 05 Sep 2025 13:07
 Operator : JC\MD
 Sample : VN0905WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025

Quant Time: Sep 06 01:04:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	220578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	417491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	386569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	200325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	199871	44.225	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.460%		
35) Dibromofluoromethane	8.153	113	142717	47.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.547	98	523750	46.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.840%		
62) 4-Bromofluorobenzene	12.829	95	183345	45.697	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	61897	19.758	ug/l	90
3) Chloromethane	2.383	50	61255	19.026	ug/l	98
4) Vinyl Chloride	2.536	62	71375	19.120	ug/l	96
5) Bromomethane	2.983	94	40345	20.946	ug/l	96
6) Chloroethane	3.136	64	47946	18.274	ug/l	93
7) Trichlorofluoromethane	3.512	101	112700	20.607	ug/l	94
8) Diethyl Ether	3.959	74	43575	18.295	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	61134	19.755	ug/l	99
10) Methyl Iodide	4.583	142	33042	19.151	ug/l	98
11) Tert butyl alcohol	5.524	59	79995	101.959	ug/l	100
12) 1,1-Dichloroethene	4.336	96	60552	19.040	ug/l	99
13) Acrolein	4.171	56	89131	92.408	ug/l	97
14) Allyl chloride	5.012	41	97748m	16.961	ug/l	
15) Acrylonitrile	5.706	53	199204	90.027	ug/l	98
16) Acetone	4.424	43	215404	87.555	ug/l	96
17) Carbon Disulfide	4.700	76	144422	16.496	ug/l	98
18) Methyl Acetate	5.012	43	112339	21.808	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	217480	18.229	ug/l	98
20) Methylene Chloride	5.265	84	66747	17.962	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	57473	16.675	ug/l	92
22) Diisopropyl ether	6.659	45	222695	17.907	ug/l	97
23) Vinyl Acetate	6.589	43	918730	81.199	ug/l	96
24) 1,1-Dichloroethane	6.559	63	120638	17.692	ug/l	95
25) 2-Butanone	7.471	43	295696	91.357	ug/l	100
26) 2,2-Dichloropropane	7.477	77	102726	17.553	ug/l	100
27) cis-1,2-Dichloroethene	7.471	96	73145	17.752	ug/l	99
28) Bromochloromethane	7.800	49	62500	18.959	ug/l	94
29) Tetrahydrofuran	7.830	42	195222	93.721	ug/l	98
30) Chloroform	7.947	83	127412	18.307	ug/l	97
31) Cyclohexane	8.241	56	99752	17.548	ug/l	91
32) 1,1,1-Trichloroethane	8.147	97	106197	18.005	ug/l	100
36) 1,1-Dichloropropene	8.347	75	80723	17.456	ug/l	97
37) Ethyl Acetate	7.547	43	113952	18.033	ug/l	99
38) Carbon Tetrachloride	8.347	117	89372	19.575	ug/l	98
39) Methylcyclohexane	9.582	83	91004	17.875	ug/l	98
40) Benzene	8.588	78	260773	18.386	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
 Data File : VN087737.D
 Acq On : 05 Sep 2025 13:07
 Operator : JC\MD
 Sample : VN0905WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0905WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
 Supervised By :Semsettin Yesilyurt 09/08/2025

Quant Time: Sep 06 01:04:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	58595	17.901	ug/l	95
42) 1,2-Dichloroethane	8.653	62	102122	18.737	ug/l	99
43) Isopropyl Acetate	8.677	43	188058	19.062	ug/l	100
44) Trichloroethene	9.335	130	59512	18.378	ug/l	98
45) 1,2-Dichloropropane	9.600	63	68514	18.326	ug/l	97
46) Dibromomethane	9.688	93	49712	18.686	ug/l	96
47) Bromodichloromethane	9.871	83	101850	18.680	ug/l	100
48) Methyl methacrylate	9.665	41	85214	18.261	ug/l	98
49) 1,4-Dioxane	9.682	88	27908	461.412	ug/l #	93
51) 4-Methyl-2-Pentanone	10.424	43	594976	99.957	ug/l	98
52) Toluene	10.612	92	165499	18.822	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	106250	18.826	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	108400	18.498	ug/l	99
55) 1,1,2-Trichloroethane	11.000	97	67695	19.902	ug/l	88
56) Ethyl methacrylate	10.859	69	101374	18.649	ug/l	95
57) 1,3-Dichloropropane	11.147	76	113330	18.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	256041	87.023	ug/l	98
59) 2-Hexanone	11.177	43	372123	98.920	ug/l	100
60) Dibromochloromethane	11.341	129	75552	19.169	ug/l	97
61) 1,2-Dibromoethane	11.447	107	68513	19.102	ug/l	100
64) Tetrachloroethene	11.082	164	46835	17.463	ug/l	92
65) Chlorobenzene	11.871	112	176814	18.385	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	63103	19.764	ug/l	99
67) Ethyl Benzene	11.941	91	309330	18.577	ug/l	98
68) m/p-Xylenes	12.053	106	229728	37.618	ug/l	99
69) o-Xylene	12.376	106	109326	18.268	ug/l	99
70) Styrene	12.394	104	184330	18.385	ug/l	98
71) Bromoform	12.559	173	50036	20.434	ug/l #	93
73) Isopropylbenzene	12.676	105	287199	17.742	ug/l	98
74) N-amyl acetate	12.559	43	107303m	17.492	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	109332	19.618	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	100815m	21.460	ug/l	
77) Bromobenzene	12.959	156	68371	17.913	ug/l	99
78) n-propylbenzene	13.012	91	375789	18.847	ug/l	99
79) 2-Chlorotoluene	13.106	91	217287	18.109	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	244959	17.838	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	30428	17.148	ug/l	91
82) 4-Chlorotoluene	13.200	91	224742	17.814	ug/l	97
83) tert-Butylbenzene	13.418	119	209109	18.273	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	252583	18.374	ug/l	100
85) sec-Butylbenzene	13.594	105	312140	18.381	ug/l	99
86) p-Isopropyltoluene	13.706	119	254541	18.152	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	135134	17.979	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	142385	18.203	ug/l	98
89) n-Butylbenzene	14.035	91	254210	18.253	ug/l	98
90) Hexachloroethane	14.312	117	50462	18.889	ug/l	96
91) 1,2-Dichlorobenzene	14.082	146	135861	19.053	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.694	75	25275	19.091	ug/l	96
93) 1,2,4-Trichlorobenzene	15.370	180	75093	17.537	ug/l	98
94) Hexachlorobutadiene	15.476	225	26880	17.608	ug/l	97
95) Naphthalene	15.617	128	265935	17.534	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	74491	17.795	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090525\
Data File : VN087737.D
Acq On : 05 Sep 2025 13:07
Operator : JC\MD
Sample : VN0905WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0905WBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/08/2025
Supervised By :Semsettin Yesilyurt 09/08/2025

Quant Time: Sep 06 01:04:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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

