

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087749.D
 Acq On : 08 Sep 2025 08:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 09 02:23:14 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	264779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	492400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	447402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	232401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	237572	43.792	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.580%		
35) Dibromofluoromethane	8.147	113	174258	49.016	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.040%		
50) Toluene-d8	10.547	98	658372	49.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.960%		
62) 4-Bromofluorobenzene	12.829	95	231565	48.935	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	193839	51.545	ug/l	99
3) Chloromethane	2.383	50	173873	44.990	ug/l	100
4) Vinyl Chloride	2.542	62	216226	48.254	ug/l	98
5) Bromomethane	2.977	94	116326	50.312	ug/l	98
6) Chloroethane	3.136	64	137302	43.596	ug/l	98
7) Trichlorofluoromethane	3.512	101	335019	51.030	ug/l	97
8) Diethyl Ether	3.959	74	120880	42.278	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	187772	50.547	ug/l	97
10) Methyl Iodide	4.583	142	133351	48.301	ug/l	96
11) Tert butyl alcohol	5.518	59	183597	194.942	ug/l	97
12) 1,1-Dichloroethene	4.342	96	176167	46.148	ug/l	96
13) Acrolein	4.171	56	259964	224.528	ug/l	99
14) Allyl chloride	5.006	41	279641	40.423	ug/l	99
15) Acrylonitrile	5.706	53	547710	206.207	ug/l	99
16) Acetone	4.418	43	619041	209.617	ug/l	96
17) Carbon Disulfide	4.706	76	440714	41.935	ug/l	98
18) Methyl Acetate	5.012	43	289633	46.840	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	612958	42.802	ug/l	97
20) Methylene Chloride	5.259	84	185071	43.156	ug/l	98
21) trans-1,2-Dichloroethene	5.771	96	175170	42.339	ug/l	99
22) Diisopropyl ether	6.653	45	646592	43.312	ug/l	98
23) Vinyl Acetate	6.589	43	2892767	212.987	ug/l	99
24) 1,1-Dichloroethane	6.553	63	355491	43.431	ug/l	98
25) 2-Butanone	7.465	43	795768	204.814	ug/l	98
26) 2,2-Dichloropropane	7.471	77	333020	47.404	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	212784	43.021	ug/l	97
28) Bromochloromethane	7.794	49	179324	45.317	ug/l	99
29) Tetrahydrofuran	7.824	42	474593	189.805	ug/l	97
30) Chloroform	7.947	83	368853	44.150	ug/l	100
31) Cyclohexane	8.236	56	314346	46.067	ug/l	95
32) 1,1,1-Trichloroethane	8.147	97	316535	44.707	ug/l	99
36) 1,1-Dichloropropene	8.353	75	253170	46.419	ug/l	98
37) Ethyl Acetate	7.541	43	303404	40.710	ug/l	96
38) Carbon Tetrachloride	8.341	117	274734	51.020	ug/l	92
39) Methylcyclohexane	9.583	83	311292	51.843	ug/l	98
40) Benzene	8.588	78	769311	45.989	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
 Data File : VN087749.D
 Acq On : 08 Sep 2025 08:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 02:23:14 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	168250	43.582	ug/l	99
42) 1,2-Dichloroethane	8.653	62	282348	43.923	ug/l	100
43) Isopropyl Acetate	8.671	43	516340	44.375	ug/l	99
44) Trichloroethene	9.330	130	177123	46.377	ug/l	95
45) 1,2-Dichloropropane	9.600	63	196650	44.598	ug/l	100
46) Dibromomethane	9.688	93	140094	44.647	ug/l	99
47) Bromodichloromethane	9.865	83	303159	47.142	ug/l	95
48) Methyl methacrylate	9.659	41	242139	43.995	ug/l	98
49) 1,4-Dioxane	9.682	88	64163	899.444	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1577008	224.635	ug/l	100
52) Toluene	10.606	92	480446	46.328	ug/l	100
53) t-1,3-Dichloropropene	10.818	75	315264	47.362	ug/l	98
54) cis-1,3-Dichloropropene	10.294	75	325135	47.042	ug/l	96
55) 1,1,2-Trichloroethane	10.994	97	186467	46.480	ug/l	97
56) Ethyl methacrylate	10.853	69	310723	48.465	ug/l	98
57) 1,3-Dichloropropane	11.141	76	323072	45.503	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	797294	229.757	ug/l	100
59) 2-Hexanone	11.177	43	1096766	247.196	ug/l	99
60) Dibromochloromethane	11.335	129	214894	46.229	ug/l	99
61) 1,2-Dibromoethane	11.447	107	190435	45.018	ug/l	100
64) Tetrachloroethene	11.082	164	144466	46.542	ug/l	97
65) Chlorobenzene	11.871	112	520802	46.790	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.941	131	180431	48.828	ug/l	99
67) Ethyl Benzene	11.941	91	955458	49.578	ug/l	98
68) m/p-Xylenes	12.047	106	701710	99.282	ug/l	100
69) o-Xylene	12.376	106	339075	48.953	ug/l	100
70) Styrene	12.388	104	581549	50.116	ug/l	98
71) Bromoform	12.553	173	144267	50.906	ug/l #	96
73) Isopropylbenzene	12.671	105	915828	48.767	ug/l	99
74) N-amyl acetate	12.500	43	323885m	45.510	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	290676	44.958	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	267426m	49.070	ug/l	
77) Bromobenzene	12.959	156	202161	45.656	ug/l	98
78) n-propylbenzene	13.012	91	1149579	49.697	ug/l	100
79) 2-Chlorotoluene	13.106	91	658088	47.275	ug/l	100
80) 1,3,5-Trimethylbenzene	13.147	105	770431	48.360	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.718	75	102397	49.741	ug/l	83
82) 4-Chlorotoluene	13.200	91	685064	46.808	ug/l	100
83) tert-Butylbenzene	13.412	119	676989	50.995	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	772911	48.465	ug/l	99
85) sec-Butylbenzene	13.594	105	1015392	51.541	ug/l	99
86) p-Isopropyltoluene	13.706	119	832888	51.198	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	405313	46.482	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	405975	44.739	ug/l	99
89) n-Butylbenzene	14.035	91	843275	52.194	ug/l	100
90) Hexachloroethane	14.312	117	162454	52.416	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	373721	45.176	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.694	75	61788	40.229	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	231388	46.580	ug/l	99
94) Hexachlorobutadiene	15.476	225	90786	51.263	ug/l	98
95) Naphthalene	15.612	128	784176	44.567	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	219378	45.174	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090825\
Data File : VN087749.D
Acq On : 08 Sep 2025 08:58
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: Sep 09 02:23:14 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

