

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087845.D
 Acq On : 15 Sep 2025 18:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:44:46 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	269454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	529395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	478652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	243875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	243236	44.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.120%		
35) Dibromofluoromethane	8.147	113	181861	47.580	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.160%		
50) Toluene-d8	10.547	98	600905	42.004	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	84.000%#		
62) 4-Bromofluorobenzene	12.829	95	224403	44.108	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	164722	43.042	ug/l	98
3) Chloromethane	2.383	50	187425	47.656	ug/l	96
4) Vinyl Chloride	2.536	62	214654	47.072	ug/l	94
5) Bromomethane	2.965	94	126801	53.891	ug/l	97
6) Chloroethane	3.130	64	142174	44.360	ug/l	96
7) Trichlorofluoromethane	3.512	101	289818	43.379	ug/l	96
8) Diethyl Ether	3.965	74	142090	48.834	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	147329	38.972	ug/l	96
10) Methyl Iodide	4.583	142	142952	50.517	ug/l	96
11) Tert butyl alcohol	5.524	59	212090	221.289	ug/l	99
12) 1,1-Dichloroethene	4.336	96	173245	44.595	ug/l	89
13) Acrolein	4.171	56	379826	322.360	ug/l	100
14) Allyl chloride	5.012	41	297156	42.210	ug/l	95
15) Acrylonitrile	5.706	53	675538	249.920	ug/l	99
16) Acetone	4.424	43	598155	199.030	ug/l	97
17) Carbon Disulfide	4.706	76	491163	45.925	ug/l	98
18) Methyl Acetate	5.018	43	326727	51.922	ug/l	97
19) Methyl tert-butyl Ether	5.788	73	762198	52.300	ug/l	98
20) Methylene Chloride	5.265	84	228358	52.597	ug/l	96
21) trans-1,2-Dichloroethene	5.777	96	194131	46.108	ug/l	92
22) Diisopropyl ether	6.659	45	753268	49.582	ug/l	98
23) Vinyl Acetate	6.588	43	3461642	250.450	ug/l	99
24) 1,1-Dichloroethane	6.553	63	394506	47.361	ug/l	98
25) 2-Butanone	7.471	43	954958	241.522	ug/l	96
26) 2,2-Dichloropropane	7.477	77	245231	34.302	ug/l	96
27) cis-1,2-Dichloroethene	7.471	96	252545	50.174	ug/l	94
28) Bromochloromethane	7.794	49	184494	45.815	ug/l	94
29) Tetrahydrofuran	7.824	42	632100	248.411	ug/l	98
30) Chloroform	7.947	83	416740	49.016	ug/l	100
31) Cyclohexane	8.241	56	260548	37.521	ug/l	93
32) 1,1,1-Trichloroethane	8.153	97	332100	46.091	ug/l	97
36) 1,1-Dichloropropene	8.353	75	241903	41.254	ug/l	97
37) Ethyl Acetate	7.547	43	376236	46.955	ug/l	96
38) Carbon Tetrachloride	8.347	117	263251	45.471	ug/l	98
39) Methylcyclohexane	9.582	83	257790	39.932	ug/l	97
40) Benzene	8.588	78	864153	48.048	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087845.D
 Acq On : 15 Sep 2025 18:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 16 01:44:46 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 :Mahesh Dadoda 09/16/2025
 Supervised By :Semsettin Yesilyurt 09/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	202347	48.751	ug/l	97
42) 1,2-Dichloroethane	8.653	62	337079	48.772	ug/l	100
43) Isopropyl Acetate	8.671	43	625825	50.026	ug/l	98
44) Trichloroethene	9.329	130	191290	46.587	ug/l	93
45) 1,2-Dichloropropane	9.600	63	222803	46.998	ug/l	94
46) Dibromomethane	9.688	93	174304	51.668	ug/l	95
47) Bromodichloromethane	9.870	83	341181	49.347	ug/l	97
48) Methyl methacrylate	9.659	41	289223	48.878	ug/l	95
49) 1,4-Dioxane	9.682	88	65104	848.858	ug/l #	100
51) 4-Methyl-2-Pentanone	10.423	43	1927319	255.350	ug/l	97
52) Toluene	10.612	92	512899	46.001	ug/l	98
53) t-1,3-Dichloropropene	10.817	75	352507	49.256	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	359321	48.355	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	226923	52.611	ug/l	95
56) Ethyl methacrylate	10.853	69	378542	54.917	ug/l	97
57) 1,3-Dichloropropane	11.141	76	387272	50.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	912262	244.517	ug/l	97
59) 2-Hexanone	11.176	43	1316796	276.047	ug/l	98
60) Dibromochloromethane	11.341	129	264236	52.872	ug/l	97
61) 1,2-Dibromoethane	11.447	107	240405	52.859	ug/l	99
64) Tetrachloroethene	11.082	164	151928	45.750	ug/l	95
65) Chlorobenzene	11.870	112	573734	48.180	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.941	131	211273	53.442	ug/l	98
67) Ethyl Benzene	11.941	91	946889	45.925	ug/l	100
68) m/p-Xylenes	12.047	106	716793	94.795	ug/l	98
69) o-Xylene	12.376	106	359430	48.504	ug/l	97
70) Styrene	12.388	104	632506	50.948	ug/l	99
71) Bromoform	12.559	173	173042	57.073	ug/l #	99
73) Isopropylbenzene	12.670	105	881173	44.714	ug/l	99
74) N-amyl acetate	12.500	43	357397m	47.856	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	344277	50.743	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	263497m	46.074	ug/l	
77) Bromobenzene	12.959	156	231477	49.818	ug/l	95
78) n-propylbenzene	13.011	91	1075058	44.289	ug/l	99
79) 2-Chlorotoluene	13.100	91	658674	45.091	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	751576	44.957	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.717	75	99145	45.895	ug/l	93
82) 4-Chlorotoluene	13.200	91	684827	44.590	ug/l	98
83) tert-Butylbenzene	13.411	119	638462	45.830	ug/l	97
84) 1,2,4-Trimethylbenzene	13.458	105	777451	46.456	ug/l	98
85) sec-Butylbenzene	13.594	105	909339	43.986	ug/l	99
86) p-Isopropyltoluene	13.706	119	771758	45.208	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	426793	46.643	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	439636	46.169	ug/l	98
89) n-Butylbenzene	14.035	91	731105	43.122	ug/l	98
90) Hexachloroethane	14.305	117	144696	44.490	ug/l	90
91) 1,2-Dichlorobenzene	14.082	146	421428	48.546	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	80495	49.943	ug/l	94
93) 1,2,4-Trichlorobenzene	15.364	180	256110	49.131	ug/l	97
94) Hexachlorobutadiene	15.476	225	83826	45.106	ug/l	97
95) Naphthalene	15.611	128	968172	52.436	ug/l	100
96) 1,2,3-Trichlorobenzene	15.811	180	251833	49.417	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
Data File : VN087845.D
Acq On : 15 Sep 2025 18:09
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/16/2025
Supervised By :Semsettin Yesilyurt 09/16/2025

Quant Time: Sep 16 01:44:46 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

