

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086764.D
 Acq On : 22 May 2025 14:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 01:38:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	264976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	467713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	412406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	186726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152395	41.621	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.240%		
35) Dibromofluoromethane	8.165	113	132065	47.413	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.820%		
50) Toluene-d8	10.565	98	551796	47.804	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.600%		
62) 4-Bromofluorobenzene	12.847	95	193298	47.426	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	136256	47.616	ug/l	97
3) Chloromethane	2.359	50	165789	38.305	ug/l	99
4) Vinyl Chloride	2.512	62	160402	41.265	ug/l	99
5) Bromomethane	2.942	94	88654	39.563	ug/l	96
6) Chloroethane	3.112	64	104443	41.016	ug/l	98
7) Trichlorofluoromethane	3.495	101	213036	45.861	ug/l	97
8) Diethyl Ether	3.959	74	90113	46.958	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	130877	47.062	ug/l	96
10) Methyl Iodide	4.589	142	158769	45.896	ug/l	95
11) Tert butyl alcohol	5.512	59	142720	214.022	ug/l	99
12) 1,1-Dichloroethene	4.342	96	135108	45.715	ug/l	92
13) Acrolein	4.171	56	186852	262.111	ug/l	100
14) Allyl chloride	5.024	41	180929	40.446	ug/l	94
15) Acrylonitrile	5.718	53	355372	215.234	ug/l	100
16) Acetone	4.424	43	261360	190.824	ug/l	93
17) Carbon Disulfide	4.712	76	344341	42.082	ug/l	99
18) Methyl Acetate	5.018	43	166167	43.347	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	462827	45.991	ug/l	99
20) Methylene Chloride	5.271	84	151216	41.838	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	140311	44.903	ug/l	97
22) Diisopropyl ether	6.665	45	421099	41.725	ug/l	95
23) Vinyl Acetate	6.600	43	1497658	197.452	ug/l	96
24) 1,1-Dichloroethane	6.565	63	257324	43.428	ug/l	99
25) 2-Butanone	7.477	43	429278	202.827	ug/l	96
26) 2,2-Dichloropropane	7.488	77	201629	41.234	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	174132	45.400	ug/l	96
28) Bromochloromethane	7.812	49	105240	39.092	ug/l	85
29) Tetrahydrofuran	7.836	42	279092	202.028	ug/l	93
30) Chloroform	7.965	83	260377	43.904	ug/l	99
31) Cyclohexane	8.253	56	219795	39.997	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	223574	44.713	ug/l	97
36) 1,1-Dichloropropene	8.365	75	186363	45.359	ug/l	98
37) Ethyl Acetate	7.559	43	167437	40.343	ug/l	98
38) Carbon Tetrachloride	8.359	117	194236	47.981	ug/l	99
39) Methylcyclohexane	9.594	83	212137	47.705	ug/l	96
40) Benzene	8.600	78	612186	45.675	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
 Data File : VN086764.D
 Acq On : 22 May 2025 14:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/23/2025
 Supervised By : Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:38:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	93566	41.754	ug/l	93
42) 1,2-Dichloroethane	8.665	62	177871	42.597	ug/l	97
43) Isopropyl Acetate	8.683	43	306513	36.840	ug/l	95
44) Trichloroethene	9.347	130	162049	50.127	ug/l	99
45) 1,2-Dichloropropane	9.618	63	145071	45.563	ug/l	97
46) Dibromomethane	9.706	93	98215	45.715	ug/l	95
47) Bromodichloromethane	9.888	83	205527	46.429	ug/l	98
48) Methyl methacrylate	9.677	41	137228	42.564	ug/l	92
49) 1,4-Dioxane	9.688	88	65095	953.516	ug/l #	91
51) 4-Methyl-2-Pentanone	10.441	43	877364	209.108	ug/l	94
52) Toluene	10.629	92	389451	46.751	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	222012	47.369	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	239864	46.883	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	142371	45.816	ug/l	96
56) Ethyl methacrylate	10.871	69	242149	48.534	ug/l	91
57) 1,3-Dichloropropane	11.159	76	245127	45.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	537403	241.003	ug/l	96
59) 2-Hexanone	11.194	43	640775	209.132	ug/l	94
60) Dibromochloromethane	11.359	129	163902	50.329	ug/l	99
61) 1,2-Dibromoethane	11.465	107	147096	47.106	ug/l	99
64) Tetrachloroethene	11.100	164	165615	52.422	ug/l	95
65) Chlorobenzene	11.888	112	440702	48.732	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	145933	49.987	ug/l	98
67) Ethyl Benzene	11.959	91	745990	48.160	ug/l	99
68) m/p-Xylenes	12.065	106	581942	99.190	ug/l	95
69) o-Xylene	12.394	106	286232	49.073	ug/l	99
70) Styrene	12.406	104	479439	50.206	ug/l	98
71) Bromoform	12.576	173	107709	51.877	ug/l #	98
73) Isopropylbenzene	12.694	105	685164	47.509	ug/l	99
74) N-amyl acetate	12.488	43	246282	40.873	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	186659	42.130	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	182913m	43.314	ug/l	
77) Bromobenzene	12.976	156	172133	47.449	ug/l	92
78) n-propylbenzene	13.035	91	772807	46.694	ug/l	98
79) 2-Chlorotoluene	13.123	91	491977	45.718	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	551209	47.706	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	75369	45.041	ug/l	90
82) 4-Chlorotoluene	13.218	91	485173	45.508	ug/l	99
83) tert-Butylbenzene	13.435	119	484266	48.060	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	557561	48.458	ug/l	99
85) sec-Butylbenzene	13.612	105	647944	47.957	ug/l	98
86) p-Isopropyltoluene	13.723	119	558772	50.455	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	303612	48.331	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	300468	48.275	ug/l	99
89) n-Butylbenzene	14.053	91	456268	49.697	ug/l	99
90) Hexachloroethane	14.329	117	90257	49.119	ug/l	94
91) 1,2-Dichlorobenzene	14.100	146	292651	48.979	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35709	48.652	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	143050	56.718	ug/l	100
94) Hexachlorobutadiene	15.500	225	54525	52.107	ug/l	97
95) Naphthalene	15.635	128	512116	58.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	133744	54.150	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052225\
Data File : VN086764.D
Acq On : 22 May 2025 14:43
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/23/2025
Supervised By :Mahesh Dadoda 05/23/2025

Quant Time: May 23 01:38:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

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

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

