

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086526.D
 Acq On : 06 May 2025 19:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:58:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	239066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	421347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	376290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	183677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154226	44.488	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.980%		
35) Dibromofluoromethane	8.165	113	107756	55.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.200%		
50) Toluene-d8	10.565	98	497998	47.649	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.300%		
62) 4-Bromofluorobenzene	12.847	95	182984	48.002	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	122867	43.355	ug/l	99
3) Chloromethane	2.359	50	154900	37.609	ug/l	96
4) Vinyl Chloride	2.512	62	154354	39.272	ug/l	97
5) Bromomethane	2.948	94	87588	49.543	ug/l	96
6) Chloroethane	3.118	64	102367	38.915	ug/l	99
7) Trichlorofluoromethane	3.501	101	207723	47.713	ug/l	97
8) Diethyl Ether	3.959	74	84541	44.481	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	120078	45.593	ug/l	96
10) Methyl Iodide	4.589	142	161072	55.628	ug/l	99
11) Tert butyl alcohol	5.518	59	130719	206.663	ug/l	100
12) 1,1-Dichloroethene	4.342	96	124290	44.172	ug/l	99
13) Acrolein	4.177	56	79840	272.023	ug/l	97
14) Allyl chloride	5.024	41	180975	36.180	ug/l	96
15) Acrylonitrile	5.712	53	330018	211.060	ug/l	99
16) Acetone	4.424	43	267053	222.173	ug/l	99
17) Carbon Disulfide	4.712	76	307438	36.491	ug/l	98
18) Methyl Acetate	5.018	43	158732	38.145	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	463773	44.838	ug/l	98
20) Methylene Chloride	5.277	84	145614	45.435	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	132715	45.114	ug/l	93
22) Diisopropyl ether	6.665	45	433340	39.824	ug/l #	96
23) Vinyl Acetate	6.600	43	1533418	201.592	ug/l	96
24) 1,1-Dichloroethane	6.565	63	250367	43.608	ug/l	97
25) 2-Butanone	7.477	43	431556	199.996	ug/l	94
26) 2,2-Dichloropropane	7.489	77	204894	39.859	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	169231	46.350	ug/l	92
28) Bromochloromethane	7.812	49	96193	39.515	ug/l #	82
29) Tetrahydrofuran	7.836	42	278093	192.725	ug/l	93
30) Chloroform	7.965	83	258141	45.771	ug/l	98
31) Cyclohexane	8.253	56	206773	36.805	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	225623	46.764	ug/l	98
36) 1,1-Dichloropropene	8.371	75	180196	46.135	ug/l	97
37) Ethyl Acetate	7.553	43	170823	41.542	ug/l	99
38) Carbon Tetrachloride	8.359	117	188360	50.640	ug/l	99
39) Methylcyclohexane	9.600	83	195012	42.006	ug/l	95
40) Benzene	8.606	78	582216	46.525	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086526.D
 Acq On : 06 May 2025 19:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 07 02:58:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/07/2025
 Supervised By : Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	97482	40.903	ug/l	94
42) 1,2-Dichloroethane	8.665	62	192076	48.131	ug/l	99
43) Isopropyl Acetate	8.683	43	322135	43.383	ug/l	97
44) Trichloroethene	9.347	130	153142	51.631	ug/l	94
45) 1,2-Dichloropropane	9.618	63	136998	44.723	ug/l	99
46) Dibromomethane	9.706	93	99950	51.211	ug/l	95
47) Bromodichloromethane	9.888	83	207344	49.187	ug/l	95
48) Methyl methacrylate	9.677	41	146685	40.621	ug/l	93
49) 1,4-Dioxane	9.688	88	57703	939.423	ug/l	93
51) 4-Methyl-2-Pentanone	10.441	43	901171	214.016	ug/l	96
52) Toluene	10.629	92	375704	48.115	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	221619	47.097	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	234297	45.333	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	139573	49.681	ug/l	98
56) Ethyl methacrylate	10.871	69	237587	46.007	ug/l	96
57) 1,3-Dichloropropane	11.159	76	238519	47.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	466157	190.185	ug/l	94
59) 2-Hexanone	11.194	43	658985	210.992	ug/l	97
60) Dibromochloromethane	11.353	129	162050	52.528	ug/l	100
61) 1,2-Dibromoethane	11.465	107	144749	51.062	ug/l	100
64) Tetrachloroethene	11.100	164	150653	52.049	ug/l	98
65) Chlorobenzene	11.888	112	418713	49.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	141917	51.228	ug/l	98
67) Ethyl Benzene	11.959	91	723221	47.726	ug/l	100
68) m/p-Xylenes	12.065	106	563213	99.193	ug/l	94
69) o-Xylene	12.394	106	277195	49.365	ug/l	97
70) Styrene	12.406	104	467561	49.974	ug/l	99
71) Bromoform	12.576	173	109072	52.294	ug/l #	98
73) Isopropylbenzene	12.694	105	670926	44.653	ug/l	99
74) N-amyl acetate	12.488	43	279014	37.301	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	191438	44.313	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	203713m	46.998	ug/l	
77) Bromobenzene	12.976	156	168305	50.554	ug/l	88
78) n-propylbenzene	13.029	91	777013	43.886	ug/l	98
79) 2-Chlorotoluene	13.123	91	497495	44.905	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	554491	45.089	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	72613	40.233	ug/l	92
82) 4-Chlorotoluene	13.218	91	489378	44.467	ug/l	97
83) tert-Butylbenzene	13.435	119	477887	44.848	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	564890	45.127	ug/l	98
85) sec-Butylbenzene	13.612	105	649581	43.950	ug/l	98
86) p-Isopropyltoluene	13.723	119	554270	45.497	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	301592	48.190	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	304234	48.264	ug/l	98
89) n-Butylbenzene	14.053	91	456323	42.259	ug/l	98
90) Hexachloroethane	14.329	117	91215	44.513	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	293589	48.386	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36890	42.349	ug/l	88
93) 1,2,4-Trichlorobenzene	15.388	180	137661	47.380	ug/l	99
94) Hexachlorobutadiene	15.500	225	50854	46.367	ug/l	97
95) Naphthalene	15.635	128	468689	45.507	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	129429	47.053	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
Data File : VN086526.D
Acq On : 06 May 2025 19:48
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Quant Time: May 07 02:58:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

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

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

