

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086616.D
 Acq On : 14 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

Quant Time: May 15 02:58:13 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	8.218	168	163952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	139895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123828	52.084	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.160%			
35) Dibromofluoromethane	8.165	113	94203	66.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 132.560%#			
50) Toluene-d8	10.565	98	374669	49.324	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.847	95	145991	52.693	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	108076	55.608	ug/l	98
3) Chloromethane	2.359	50	151258	53.550	ug/l	98
4) Vinyl Chloride	2.512	62	135887	50.413	ug/l	96
5) Bromomethane	2.942	94	80679	66.542	ug/l	100
6) Chloroethane	3.112	64	91722	50.844	ug/l	99
7) Trichlorofluoromethane	3.500	101	158103	52.953	ug/l	98
8) Diethyl Ether	3.959	74	73404	56.315	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	97324	53.883	ug/l	99
10) Methyl Iodide	4.589	142	120241	60.551	ug/l	97
11) Tert butyl alcohol	5.506	59	103191	237.884	ug/l	99
12) 1,1-Dichloroethene	4.336	96	97432	50.491	ug/l	97
13) Acrolein	4.171	56	66141	331.931	ug/l	97
14) Allyl chloride	5.024	41	158716	46.268	ug/l	97
15) Acrylonitrile	5.712	53	298611	278.467	ug/l	99
16) Acetone	4.424	43	234839	286.531	ug/l	99
17) Carbon Disulfide	4.712	76	275539	47.688	ug/l	99
18) Methyl Acetate	5.018	43	133803	46.885	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	392165	55.286	ug/l	98
20) Methylene Chloride	5.271	84	126357	57.490	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	109656	54.354	ug/l	90
22) Diisopropyl ether	6.665	45	396436	53.125	ug/l	98
23) Vinyl Acetate	6.600	43	1479764	283.665	ug/l	97
24) 1,1-Dichloroethane	6.565	63	217255	55.178	ug/l	99
25) 2-Butanone	7.477	43	378954	256.077	ug/l	98
26) 2,2-Dichloropropane	7.483	77	183605	52.081	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	142521	56.917	ug/l	96
28) Bromochloromethane	7.812	49	115743	69.329	ug/l	91
29) Tetrahydrofuran	7.835	42	253227	255.894	ug/l	97
30) Chloroform	7.965	83	220391	56.981	ug/l	99
31) Cyclohexane	8.253	56	174005	45.162	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	176053	53.208	ug/l	99
36) 1,1-Dichloropropene	8.365	75	149783	52.762	ug/l	99
37) Ethyl Acetate	7.559	43	151738	50.770	ug/l	99
38) Carbon Tetrachloride	8.359	117	146136	54.055	ug/l	99
39) Methylcyclohexane	9.600	83	160938	47.696	ug/l	98
40) Benzene	8.606	78	502443	55.241	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086616.D
 Acq On : 14 May 2025 10:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2025
 Supervised By : Mahesh Dadoda 05/15/2025

Quant Time: May 15 02:58:13 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)
41) Methacrylonitrile	7.777	41	89070	51.421	ug/l	97
42) 1,2-Dichloroethane	8.665	62	169107	58.303	ug/l	99
43) Isopropyl Acetate	8.682	43	282961	53.135	ug/l	97
44) Trichloroethene	9.347	130	120135	55.727	ug/l	94
45) 1,2-Dichloropropane	9.618	63	123761	55.588	ug/l	98
46) Dibromomethane	9.706	93	85744	60.445	ug/l	96
47) Bromodichloromethane	9.882	83	180857	59.030	ug/l	96
48) Methyl methacrylate	9.677	41	128230	48.857	ug/l	95
49) 1,4-Dioxane	9.688	88	47960	1074.286	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	809005	264.343	ug/l	98
52) Toluene	10.629	92	319103	56.227	ug/l	100
53) t-1,3-Dichloropropene	10.829	75	199007	58.188	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	210236	55.967	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	120762	59.142	ug/l	97
56) Ethyl methacrylate	10.871	69	206586	55.040	ug/l	97
57) 1,3-Dichloropropane	11.159	76	215520	59.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	653305	366.723	ug/l	98
59) 2-Hexanone	11.194	43	589770	259.808	ug/l	97
60) Dibromochloromethane	11.353	129	137195	61.187	ug/l	99
61) 1,2-Dibromoethane	11.465	107	124248	60.304	ug/l	99
64) Tetrachloroethene	11.100	164	116556	52.832	ug/l	97
65) Chlorobenzene	11.888	112	356054	55.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	118560	56.148	ug/l	99
67) Ethyl Benzene	11.959	91	609832	52.799	ug/l	100
68) m/p-Xylenes	12.070	106	468051	108.150	ug/l	98
69) o-Xylene	12.394	106	235903	55.118	ug/l	96
70) Styrene	12.406	104	403757	56.618	ug/l	98
71) Bromoform	12.576	173	91334	57.451	ug/l #	98
73) Isopropylbenzene	12.694	105	555576	48.549	ug/l	100
74) N-amyl acetate	12.488	43	256535	45.030	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	175197	53.245	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	142296m	43.103	ug/l	
77) Bromobenzene	12.976	156	141310	55.730	ug/l	93
78) n-propylbenzene	13.029	91	659597	48.914	ug/l	99
79) 2-Chlorotoluene	13.123	91	423893	50.236	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	465350	49.683	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	75436	54.878	ug/l	91
82) 4-Chlorotoluene	13.217	91	429666	51.260	ug/l	99
83) tert-Butylbenzene	13.435	119	389233	47.960	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	480773	50.427	ug/l	99
85) sec-Butylbenzene	13.612	105	544166	48.340	ug/l	99
86) p-Isopropyltoluene	13.723	119	465467	50.165	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	260831	54.721	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	260199	54.197	ug/l	99
89) n-Butylbenzene	14.053	91	406077	49.375	ug/l	99
90) Hexachloroethane	14.329	117	78538	50.322	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	250454	54.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31832	47.979	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	120229	54.331	ug/l	99
94) Hexachlorobutadiene	15.500	225	44089	52.780	ug/l	98
95) Naphthalene	15.635	128	399963	50.987	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	112359	53.631	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
Data File : VN086616.D
Acq On : 14 May 2025 10:35
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

Quant Time: May 15 02:58:13 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

