

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087593.D
 Acq On : 15 Aug 2025 19:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 18 05:50:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	173	0.00
2 T	Dichlorodifluoromethane	50.000	55.175	-10.3	163	0.00
3 P	Chloromethane	50.000	44.490	11.0	149	0.00
4 C	Vinyl Chloride	50.000	51.223	-2.4#	162	0.00
5 T	Bromomethane	50.000	61.233	-22.5	205	0.00
6 T	Chloroethane	50.000	51.912	-3.8	176	0.00
7 T	Trichlorofluoromethane	50.000	53.682	-7.4	178	0.00
8 T	Diethyl Ether	50.000	60.438	-20.9	202	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	54.335	-8.7	181	0.01
10 T	Methyl Iodide	50.000	43.714	12.6	156	0.00
11 T	Tert butyl alcohol	250.000	269.000	-7.6	187	0.00
12 CM	1,1-Dichloroethene	50.000	50.152	-0.3#	182	0.00
13 T	Acrolein	250.000	201.965	19.2	149	0.00
14 T	Allyl chloride	50.000	47.618	4.8	170	0.00
15 T	Acrylonitrile	250.000	247.488	1.0	165	0.00
16 T	Acetone	250.000	256.181	-2.5	182	0.00
17 T	Carbon Disulfide	50.000	41.615	16.8	141	0.01
18 T	Methyl Acetate	50.000	78.662	-57.3#	275	0.00
19 T	Methyl tert-butyl Ether	50.000	58.161	-16.3	195	0.00
20 T	Methylene Chloride	50.000	51.129	-2.3	177	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.474	3.1	166	0.00
22 T	Diisopropyl ether	50.000	55.611	-11.2	182	0.00
23 T	Vinyl Acetate	250.000	220.031	12.0	137	0.00
24 P	1,1-Dichloroethane	50.000	49.632	0.7	176	0.00
25 T	2-Butanone	250.000	256.148	-2.5	169	0.00
26 T	2,2-Dichloropropane	50.000	41.435	17.1	142	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.406	-6.8	179	0.00
28 T	Bromochloromethane	50.000	49.226	1.5	171	0.00
29 T	Tetrahydrofuran	250.000	255.130	-2.1	166	0.00
30 C	Chloroform	50.000	54.091	-8.2#	183	0.00
31 T	Cyclohexane	50.000	46.691	6.6	161	0.00
32 T	1,1,1-Trichloroethane	50.000	52.512	-5.0	182	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.193	-16.4	213	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	194	0.00
35 S	Dibromofluoromethane	50.000	49.238	1.5	199	0.00
36 T	1,1-Dichloropropene	50.000	47.575	4.8	173	0.00
37 T	Ethyl Acetate	50.000	43.931	12.1	159	0.00
38 T	Carbon Tetrachloride	50.000	45.858	8.3	173	0.00
39 T	Methylcyclohexane	50.000	47.475	5.0	172	0.00
40 TM	Benzene	50.000	47.264	5.5	174	0.00
41 T	Methacrylonitrile	50.000	50.183	-0.4	182	0.00
42 TM	1,2-Dichloroethane	50.000	48.721	2.6	187	0.00
43 T	Isopropyl Acetate	50.000	49.132	1.7	182	0.00
44 TM	Trichloroethene	50.000	45.073	9.9	171	0.00
45 C	1,2-Dichloropropane	50.000	46.088	7.8#	170	0.00
46 T	Dibromomethane	50.000	47.245	5.5	178	0.00
47 T	Bromodichloromethane	50.000	47.840	4.3	185	0.00
48 T	Methyl methacrylate	50.000	52.366	-4.7	185	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	921.675	7.8	158	0.00
50 S	Toluene-d8	50.000	48.651	2.7	190	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.884	3.2	176	0.00
52 CM	Toluene	50.000	47.835	4.3#	173	0.00
53 T	t-1,3-Dichloropropene	50.000	48.823	2.4	175	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.115	3.8	175	0.00
55 T	1,1,2-Trichloroethane	50.000	47.608	4.8	183	0.00
56 T	Ethyl methacrylate	50.000	49.215	1.6	186	0.00
57 T	1,3-Dichloropropane	50.000	49.043	1.9	182	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.913	-7.6	180	0.00
59 T	2-Hexanone	250.000	252.646	-1.1	170	0.00
60 T	Dibromochloromethane	50.000	47.530	4.9	178	0.00
61 T	1,2-Dibromoethane	50.000	49.026	1.9	189	0.00
62 S	4-Bromofluorobenzene	50.000	53.209	-6.4	207	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	194	0.00
64 T	Tetrachloroethene	50.000	42.355	15.3	165	0.00
65 PM	Chlorobenzene	50.000	46.226	7.5	180	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.850	6.3	177	0.00
67 C	Ethyl Benzene	50.000	49.875	0.3#	184	0.00
68 T	m/p-Xylenes	100.000	98.585	1.4	175	0.00
69 T	o-Xylene	50.000	50.698	-1.4	180	0.00
70 T	Styrene	50.000	52.748	-5.5	181	0.00
71 P	Bromoform	50.000	42.738	14.5	156	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	188	0.00
73 T	Isopropylbenzene	50.000	53.990	-8.0	188	0.00
74 T	N-amyl acetate	50.000	45.487	9.0	196	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.312	1.4	182	0.00
76 T	1,2,3-Trichloropropane	50.000	42.977	14.0	152	0.00
77 T	Bromobenzene	50.000	49.292	1.4	174	0.00
78 T	n-propylbenzene	50.000	51.511	-3.0	178	0.00
79 T	2-Chlorotoluene	50.000	51.315	-2.6	185	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.480	-7.0	184	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	40.181	19.6	153	0.00
82 T	4-Chlorotoluene	50.000	50.903	-1.8	183	0.00
83 T	tert-Butylbenzene	50.000	54.301	-8.6	188	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.448	-6.9	183	0.00
85 T	sec-Butylbenzene	50.000	51.790	-3.6	184	0.00
86 T	p-Isopropyltoluene	50.000	54.365	-8.7	185	0.00
87 T	1,3-Dichlorobenzene	50.000	47.329	5.3	172	0.00
88 T	1,4-Dichlorobenzene	50.000	45.541	8.9	172	0.00
89 T	n-Butylbenzene	50.000	54.443	-8.9	191	0.00
90 T	Hexachloroethane	50.000	44.991	10.0	168	0.00
91 T	1,2-Dichlorobenzene	50.000	48.261	3.5	174	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.877	10.2	173	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.664	0.7	177	0.00
94 T	Hexachlorobutadiene	50.000	43.616	12.8	165	0.00
95 T	Naphthalene	50.000	54.849	-9.7	189	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.447	1.1	180	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6