

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087258.D
 Acq On : 01 Jul 2025 16:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 02 02:02:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 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	156	0.00
2 T	Dichlorodifluoromethane	50.000	51.728	-3.5	155	0.00
3 P	Chloromethane	50.000	51.635	-3.3	162	0.00
4 C	Vinyl Chloride	50.000	49.724	0.6#	154	0.00
5 T	Bromomethane	50.000	44.749	10.5	154	0.00
6 T	Chloroethane	50.000	48.236	3.5	151	0.00
7 T	Trichlorofluoromethane	50.000	48.612	2.8	156	0.00
8 T	Diethyl Ether	50.000	52.073	-4.1	159	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.345	-2.7	164	0.00
10 T	Methyl Iodide	50.000	51.418	-2.8	148	0.00
11 T	Tert butyl alcohol	250.000	255.120	-2.0	158	0.00
12 CM	1,1-Dichloroethene	50.000	50.199	-0.4#	157	0.00
13 T	Acrolein	250.000	258.937	-3.6	169	0.00
14 T	Allyl chloride	50.000	48.313	3.4	152	0.00
15 T	Acrylonitrile	250.000	243.776	2.5	157	0.00
16 T	Acetone	250.000	257.649	-3.1	171	0.00
17 T	Carbon Disulfide	50.000	47.540	4.9	157	0.00
18 T	Methyl Acetate	50.000	49.829	0.3	158	0.00
19 T	Methyl tert-butyl Ether	50.000	49.275	1.5	156	0.00
20 T	Methylene Chloride	50.000	47.850	4.3	157	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.467	5.1	157	0.00
22 T	Diisopropyl ether	50.000	47.580	4.8	151	0.00
23 T	Vinyl Acetate	250.000	241.650	3.3	150	0.00
24 P	1,1-Dichloroethane	50.000	48.226	3.5	154	0.00
25 T	2-Butanone	250.000	243.187	2.7	154	0.00
26 T	2,2-Dichloropropane	50.000	50.326	-0.7	163	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.802	2.4	156	0.00
28 T	Bromochloromethane	50.000	44.108	11.8	136	0.00
29 T	Tetrahydrofuran	250.000	241.255	3.5	150	0.00
30 C	Chloroform	50.000	48.955	2.1#	158	0.00
31 T	Cyclohexane	50.000	44.653	10.7	152	0.00
32 T	1,1,1-Trichloroethane	50.000	48.413	3.2	157	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.949	8.1	152	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	154	0.00
35 S	Dibromofluoromethane	50.000	46.581	6.8	150	0.00
36 T	1,1-Dichloropropene	50.000	48.571	2.9	153	0.00
37 T	Ethyl Acetate	50.000	46.196	7.6	144	0.00
38 T	Carbon Tetrachloride	50.000	49.810	0.4	156	0.00
39 T	Methylcyclohexane	50.000	49.069	1.9	152	0.00
40 TM	Benzene	50.000	47.840	4.3	152	0.00
41 T	Methacrylonitrile	50.000	48.604	2.8	151	0.00
42 TM	1,2-Dichloroethane	50.000	47.719	4.6	149	0.00
43 T	Isopropyl Acetate	50.000	47.777	4.4	149	0.00
44 TM	Trichloroethene	50.000	49.147	1.7	157	0.00
45 C	1,2-Dichloropropane	50.000	49.569	0.9#	155	0.00
46 T	Dibromomethane	50.000	49.055	1.9	157	0.00
47 T	Bromodichloromethane	50.000	50.357	-0.7	160	0.00
48 T	Methyl methacrylate	50.000	49.338	1.3	151	0.00

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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)

49 T	1,4-Dioxane	1000.000	1053.614	-5.4	160	0.00
50 S	Toluene-d8	50.000	46.589	6.8	149	0.00
51 T	4-Methyl-2-Pentanone	250.000	247.594	1.0	150	0.00
52 CM	Toluene	50.000	49.752	0.5#	153	0.00
53 T	t-1,3-Dichloropropene	50.000	49.154	1.7	151	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.646	-1.3	157	0.00
55 T	1,1,2-Trichloroethane	50.000	48.544	2.9	154	0.00
56 T	Ethyl methacrylate	50.000	48.194	3.6	150	0.00
57 T	1,3-Dichloropropane	50.000	48.328	3.3	155	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.327	-0.1	150	0.00
59 T	2-Hexanone	250.000	228.568	8.6	146	0.00
60 T	Dibromochloromethane	50.000	50.648	-1.3	157	0.00
61 T	1,2-Dibromoethane	50.000	50.309	-0.6	156	0.00
62 S	4-Bromofluorobenzene	50.000	46.815	6.4	149	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	153	0.00
64 T	Tetrachloroethene	50.000	48.581	2.8	153	0.00
65 PM	Chlorobenzene	50.000	49.014	2.0	157	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.616	0.8	155	0.00
67 C	Ethyl Benzene	50.000	50.122	-0.2#	154	0.00
68 T	m/p-Xylenes	100.000	102.778	-2.8	155	0.00
69 T	o-Xylene	50.000	52.192	-4.4	155	0.00
70 T	Styrene	50.000	53.181	-6.4	156	0.00
71 P	Bromoform	50.000	52.677	-5.4	156	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	153	0.00
73 T	Isopropylbenzene	50.000	49.388	1.2	155	0.00
74 T	N-ethyl acetate	50.000	45.595	8.8	179	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.116	7.8	150	0.00
76 T	1,2,3-Trichloropropane	50.000	43.970	12.1	150	0.00
77 T	Bromobenzene	50.000	50.221	-0.4	156	0.00
78 T	n-propylbenzene	50.000	49.089	1.8	154	0.00
79 T	2-Chlorotoluene	50.000	47.898	4.2	151	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.794	-1.6	154	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.033	7.9	146	0.00
82 T	4-Chlorotoluene	50.000	47.957	4.1	152	0.00
83 T	tert-Butylbenzene	50.000	50.341	-0.7	156	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.447	-2.9	152	0.00
85 T	sec-Butylbenzene	50.000	49.828	0.3	151	0.00
86 T	p-Isopropyltoluene	50.000	51.367	-2.7	153	0.00
87 T	1,3-Dichlorobenzene	50.000	50.287	-0.6	160	0.00
88 T	1,4-Dichlorobenzene	50.000	48.331	3.3	159	0.00
89 T	n-Butylbenzene	50.000	48.850	2.3	149	0.00
90 T	Hexachloroethane	50.000	48.846	2.3	154	0.00
91 T	1,2-Dichlorobenzene	50.000	48.331	3.3	153	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.734	8.5	150	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.973	4.1	152	0.00
94 T	Hexachlorobutadiene	50.000	38.809	22.4	128	0.00
95 T	Naphthalene	50.000	48.482	3.0	150	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.806	4.4	150	0.00

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