

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087961.D
 Acq On : 26 Sep 2025 12:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 27 01:22:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 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	82	0.00
2 T	Dichlorodifluoromethane	50.000	52.642	-5.3	95	0.00
3 P	Chloromethane	50.000	53.620	-7.2	98	0.00
4 C	Vinyl Chloride	50.000	54.945	-9.9#	98	0.00
5 T	Bromomethane	50.000	53.178	-6.4	102	0.00
6 T	Chloroethane	50.000	58.300	-16.6	105	0.00
7 T	Trichlorofluoromethane	50.000	55.273	-10.5	101	-0.01
8 T	Diethyl Ether	50.000	56.949	-13.9	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	57.172	-14.3	102	-0.01
10 T	Methyl Iodide	50.000	52.654	-5.3	87	0.00
11 T	Tert butyl alcohol	250.000	303.085	-21.2	111	0.01
12 CM	1,1-Dichloroethene	50.000	56.529	-13.1#	103	0.00
13 T	Acrolein	250.000	285.192	-14.1	121	0.00
14 T	Allyl chloride	50.000	53.545	-7.1	98	0.00
15 T	Acrylonitrile	250.000	297.396	-19.0	106	0.00
16 T	Acetone	250.000	273.835	-9.5	104	0.00
17 T	Carbon Disulfide	50.000	50.471	-0.9	91	0.00
18 T	Methyl Acetate	50.000	64.557	-29.1#	112	0.00
19 T	Methyl tert-butyl Ether	50.000	58.804	-17.6	103	0.00
20 T	Methylene Chloride	50.000	56.073	-12.1	103	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.108	-8.2	100	0.00
22 T	Diisopropyl ether	50.000	59.099	-18.2	105	0.00
23 T	Vinyl Acetate	250.000	316.734	-26.7#	111	0.00
24 P	1,1-Dichloroethane	50.000	57.264	-14.5	103	0.00
25 T	2-Butanone	250.000	295.096	-18.0	106	0.00
26 T	2,2-Dichloropropane	50.000	50.496	-1.0	92	0.00
27 T	cis-1,2-Dichloroethene	50.000	57.312	-14.6	104	0.00
28 T	Bromochloromethane	50.000	48.699	2.6	76	0.00
29 T	Tetrahydrofuran	250.000	314.149	-25.7#	112	0.00
30 C	Chloroform	50.000	58.265	-16.5#	106	0.00
31 T	Cyclohexane	50.000	51.154	-2.3	95	0.00
32 T	1,1,1-Trichloroethane	50.000	56.908	-13.8	104	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.146	-4.3	82	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35 S	Dibromofluoromethane	50.000	49.119	1.8	83	0.00
36 T	1,1-Dichloropropene	50.000	54.142	-8.3	100	0.00
37 T	Ethyl Acetate	50.000	56.993	-14.0	106	0.00
38 T	Carbon Tetrachloride	50.000	54.691	-9.4	103	0.00
39 T	Methylcyclohexane	50.000	53.504	-7.0	100	0.00
40 TM	Benzene	50.000	55.869	-11.7	103	0.00
41 T	Methacrylonitrile	50.000	55.822	-11.6	99	0.00
42 TM	1,2-Dichloroethane	50.000	54.599	-9.2	105	0.00
43 T	Isopropyl Acetate	50.000	57.170	-14.3	107	0.00
44 TM	Trichloroethene	50.000	53.328	-6.7	101	0.00
45 C	1,2-Dichloropropane	50.000	56.414	-12.8#	106	0.00
46 T	Dibromomethane	50.000	56.091	-12.2	107	0.00
47 T	Bromodichloromethane	50.000	56.552	-13.1	105	0.00
48 T	Methyl methacrylate	50.000	57.272	-14.5	107	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1227.641	-22.8	116	0.00
50 S	Toluene-d8	50.000	49.673	0.7	81	0.00
51 T	4-Methyl-2-Pentanone	250.000	304.570	-21.8	110	0.00
52 CM	Toluene	50.000	55.604	-11.2#	103	0.00
53 T	t-1,3-Dichloropropene	50.000	53.917	-7.8	101	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.414	-6.8	101	0.00
55 T	1,1,2-Trichloroethane	50.000	57.424	-14.8	108	0.00
56 T	Ethyl methacrylate	50.000	58.542	-17.1	105	0.00
57 T	1,3-Dichloropropane	50.000	57.495	-15.0	107	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	345.796	-38.3#	137	0.00
59 T	2-Hexanone	250.000	310.603	-24.2	109	0.00
60 T	Dibromochloromethane	50.000	57.192	-14.4	107	0.00
61 T	1,2-Dibromoethane	50.000	56.765	-13.5	106	0.00
62 S	4-Bromofluorobenzene	50.000	49.715	0.6	82	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	53.055	-6.1	99	0.00
65 PM	Chlorobenzene	50.000	54.899	-9.8	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	56.096	-12.2	105	0.00
67 C	Ethyl Benzene	50.000	55.174	-10.3#	104	0.00
68 T	m/p-Xylenes	100.000	113.389	-13.4	103	0.00
69 T	o-Xylene	50.000	57.178	-14.4	106	0.00
70 T	Styrene	50.000	57.292	-14.6	103	0.00
71 P	Bromoform	50.000	55.881	-11.8	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	54.327	-8.7	104	0.00
74 T	N-amyl acetate	50.000	47.680	4.6	95	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.635	-7.3	106	0.00
76 T	1,2,3-Trichloropropane	50.000	49.645	0.7	97	0.00
77 T	Bromobenzene	50.000	54.140	-8.3	108	0.00
78 T	n-propylbenzene	50.000	53.268	-6.5	103	0.00
79 T	2-Chlorotoluene	50.000	52.590	-5.2	103	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.261	-10.5	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.669	-3.3	103	0.00
82 T	4-Chlorotoluene	50.000	55.068	-10.1	105	0.00
83 T	tert-Butylbenzene	50.000	54.564	-9.1	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.977	-10.0	104	0.00
85 T	sec-Butylbenzene	50.000	53.896	-7.8	103	0.00
86 T	p-Isopropyltoluene	50.000	54.309	-8.6	103	0.00
87 T	1,3-Dichlorobenzene	50.000	53.027	-6.1	105	0.00
88 T	1,4-Dichlorobenzene	50.000	52.785	-5.6	107	0.00
89 T	n-Butylbenzene	50.000	53.067	-6.1	103	0.00
90 T	Hexachloroethane	50.000	51.637	-3.3	104	0.00
91 T	1,2-Dichlorobenzene	50.000	54.701	-9.4	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.293	-6.6	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.368	-4.7	105	0.00
94 T	Hexachlorobutadiene	50.000	53.613	-7.2	106	0.00
95 T	Naphthalene	50.000	55.497	-11.0	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.276	-6.6	104	0.00

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