

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093025\
 Data File : VN087989.D
 Acq On : 30 Sep 2025 09:00
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 01 04:35:28 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	97	0.00
2 T	Dichlorodifluoromethane	50.000	42.944	14.1	92	0.00
3 P	Chloromethane	50.000	45.277	9.4	98	0.00
4 C	Vinyl Chloride	50.000	44.620	10.8#	95	0.00
5 T	Bromomethane	50.000	47.285	5.4	108	0.00
6 T	Chloroethane	50.000	47.699	4.6	102	0.00
7 T	Trichlorofluoromethane	50.000	45.051	9.9	97	-0.01
8 T	Diethyl Ether	50.000	45.571	8.9	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.272	7.5	98	0.00
10 T	Methyl Iodide	50.000	57.779	-15.6	113	0.00
11 T	Tert butyl alcohol	250.000	247.700	0.9	108	0.00
12 CM	1,1-Dichloroethene	50.000	47.139	5.7#	102	0.01
13 T	Acrolein	250.000	191.385	23.4	96	0.00
14 T	Allyl chloride	50.000	45.088	9.8	98	0.00
15 T	Acrylonitrile	250.000	245.567	1.8	104	0.00
16 T	Acetone	250.000	282.002	-12.8	127	0.00
17 T	Carbon Disulfide	50.000	42.178	15.6	90	0.00
18 T	Methyl Acetate	50.000	54.559	-9.1	113	0.00
19 T	Methyl tert-butyl Ether	50.000	47.851	4.3	100	0.00
20 T	Methylene Chloride	50.000	45.564	8.9	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.108	9.8	99	0.00
22 T	Diisopropyl ether	50.000	48.739	2.5	103	0.00
23 T	Vinyl Acetate	250.000	264.131	-5.7	110	0.00
24 P	1,1-Dichloroethane	50.000	46.660	6.7	100	0.00
25 T	2-Butanone	250.000	263.859	-5.5	113	0.00
26 T	2,2-Dichloropropane	50.000	47.310	5.4	102	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.737	6.5	101	0.00
28 T	Bromochloromethane	50.000	41.824	16.4	78	0.00
29 T	Tetrahydrofuran	250.000	253.845	-1.5	107	0.00
30 C	Chloroform	50.000	47.622	4.8#	103	0.00
31 T	Cyclohexane	50.000	44.162	11.7	98	0.00
32 T	1,1,1-Trichloroethane	50.000	46.618	6.8	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	54.127	-8.3	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	51.407	-2.8	100	0.00
36 T	1,1-Dichloropropene	50.000	46.249	7.5	99	0.00
37 T	Ethyl Acetate	50.000	48.276	3.4	103	0.00
38 T	Carbon Tetrachloride	50.000	45.836	8.3	99	0.00
39 T	Methylcyclohexane	50.000	45.394	9.2	98	0.00
40 TM	Benzene	50.000	46.853	6.3	100	0.00
41 T	Methacrylonitrile	50.000	51.142	-2.3	105	0.00
42 TM	1,2-Dichloroethane	50.000	45.810	8.4	102	0.00
43 T	Isopropyl Acetate	50.000	47.832	4.3	103	0.00
44 TM	Trichloroethene	50.000	45.396	9.2	99	0.00
45 C	1,2-Dichloropropane	50.000	47.782	4.4#	104	0.00
46 T	Dibromomethane	50.000	46.491	7.0	102	0.00
47 T	Bromodichloromethane	50.000	47.040	5.9	101	0.00
48 T	Methyl methacrylate	50.000	49.049	1.9	105	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	1079.231	-7.9	118	0.00
50 S	Toluene-d8	50.000	52.425	-4.8	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	253.152	-1.3	106	0.00
52 CM	Toluene	50.000	46.068	7.9#	98	0.00
53 T	t-1,3-Dichloropropene	50.000	46.318	7.4	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.788	6.4	102	0.00
55 T	1,1,2-Trichloroethane	50.000	47.346	5.3	103	0.00
56 T	Ethyl methacrylate	50.000	49.634	0.7	102	0.00
57 T	1,3-Dichloropropane	50.000	48.069	3.9	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	273.173	-9.3	124	0.00
59 T	2-Hexanone	250.000	272.520	-9.0	110	0.00
60 T	Dibromochloromethane	50.000	47.138	5.7	101	0.00
61 T	1,2-Dibromoethane	50.000	46.510	7.0	100	0.00
62 S	4-Bromofluorobenzene	50.000	53.030	-6.1	101	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	45.326	9.3	96	0.00
65 PM	Chlorobenzene	50.000	46.829	6.3	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.209	5.6	101	0.00
67 C	Ethyl Benzene	50.000	46.775	6.5#	101	0.00
68 T	m/p-Xylenes	100.000	95.647	4.4	99	0.00
69 T	o-Xylene	50.000	47.914	4.2	101	0.00
70 T	Styrene	50.000	49.628	0.7	101	0.00
71 P	Bromoform	50.000	47.482	5.0	100	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	46.847	6.3	100	0.00
74 T	N-ethyl acetate	50.000	44.727	10.5	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.804	6.4	103	0.00
76 T	1,2,3-Trichloropropane	50.000	49.523	1.0	108	0.00
77 T	Bromobenzene	50.000	45.813	8.4	101	0.00
78 T	n-propylbenzene	50.000	46.853	6.3	101	0.00
79 T	2-Chlorotoluene	50.000	46.934	6.1	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.739	4.5	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.885	6.2	104	0.00
82 T	4-Chlorotoluene	50.000	47.602	4.8	101	0.00
83 T	tert-Butylbenzene	50.000	46.477	7.0	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.504	3.0	102	0.00
85 T	sec-Butylbenzene	50.000	47.129	5.7	100	0.00
86 T	p-Isopropyltoluene	50.000	46.834	6.3	99	0.00
87 T	1,3-Dichlorobenzene	50.000	45.877	8.2	101	0.00
88 T	1,4-Dichlorobenzene	50.000	46.102	7.8	104	0.00
89 T	n-Butylbenzene	50.000	46.667	6.7	101	0.00
90 T	Hexachloroethane	50.000	45.168	9.7	101	0.00
91 T	1,2-Dichlorobenzene	50.000	45.775	8.5	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.175	7.7	105	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.856	8.3	102	0.00
94 T	Hexachlorobutadiene	50.000	44.235	11.5	98	0.00
95 T	Naphthalene	50.000	47.188	5.6	103	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.698	6.6	102	0.00

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