

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091025\
 Data File : VN087774.D
 Acq On : 10 Sep 2025 11:47
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 11 02:00:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	42.979	14.0	78	0.00
3 P	Chloromethane	50.000	44.626	10.7	84	0.00
4 C	Vinyl Chloride	50.000	43.335	13.3#	84	0.00
5 T	Bromomethane	50.000	45.747	8.5	92	0.00
6 T	Chloroethane	50.000	43.315	13.4	88	0.00
7 T	Trichlorofluoromethane	50.000	46.559	6.9	93	0.00
8 T	Diethyl Ether	50.000	45.442	9.1	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.065	9.9	94	0.00
10 T	Methyl Iodide	50.000	45.088	9.8	99	0.00
11 T	Tert butyl alcohol	250.000	226.779	9.3	90	0.00
12 CM	1,1-Dichloroethene	50.000	44.491	11.0#	94	0.00
13 T	Acrolein	250.000	267.962	-7.2	112	0.00
14 T	Allyl chloride	50.000	40.860	18.3	89	0.00
15 T	Acrylonitrile	250.000	235.168	5.9	97	0.00
16 T	Acetone	250.000	206.809	17.3	91	0.00
17 T	Carbon Disulfide	50.000	40.130	19.7	82	0.00
18 T	Methyl Acetate	50.000	54.790	-9.6	114	0.00
19 T	Methyl tert-butyl Ether	50.000	47.664	4.7	97	0.00
20 T	Methylene Chloride	50.000	46.531	6.9	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.210	11.6	95	0.00
22 T	Diisopropyl ether	50.000	47.973	4.1	97	0.00
23 T	Vinyl Acetate	250.000	232.870	6.9	91	0.00
24 P	1,1-Dichloroethane	50.000	46.117	7.8	98	0.00
25 T	2-Butanone	250.000	227.500	9.0	94	0.00
26 T	2,2-Dichloropropane	50.000	43.674	12.7	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.590	6.8	95	0.00
28 T	Bromochloromethane	50.000	47.899	4.2	105	0.00
29 T	Tetrahydrofuran	250.000	232.349	7.1	95	0.00
30 C	Chloroform	50.000	48.410	3.2#	100	0.00
31 T	Cyclohexane	50.000	40.051	19.9	86	0.00
32 T	1,1,1-Trichloroethane	50.000	46.594	6.8	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.114	3.8	106	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	51.866	-3.7	112	0.00
36 T	1,1-Dichloropropene	50.000	44.182	11.6	93	0.00
37 T	Ethyl Acetate	50.000	45.790	8.4	93	0.00
38 T	Carbon Tetrachloride	50.000	49.046	1.9	99	0.00
39 T	Methylcyclohexane	50.000	42.533	14.9	88	0.00
40 TM	Benzene	50.000	47.392	5.2	96	0.00
41 T	Methacrylonitrile	50.000	47.121	5.8	95	0.00
42 TM	1,2-Dichloroethane	50.000	47.355	5.3	95	0.00
43 T	Isopropyl Acetate	50.000	47.773	4.5	94	0.00
44 TM	Trichloroethene	50.000	46.343	7.3	95	0.00
45 C	1,2-Dichloropropane	50.000	46.749	6.5#	97	0.00
46 T	Dibromomethane	50.000	49.443	1.1	99	0.00
47 T	Bromodichloromethane	50.000	49.870	0.3	102	0.00
48 T	Methyl methacrylate	50.000	47.284	5.4	95	0.00

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 Quant Title : SW846 8260
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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	1028.244	-2.8	96	0.00
50 S	Toluene-d8	50.000	49.809	0.4	110	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.536	0.2	97	0.00
52 CM	Toluene	50.000	47.874	4.3#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	49.603	0.8	95	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.709	2.6	95	0.00
55 T	1,1,2-Trichloroethane	50.000	51.608	-3.2	103	0.00
56 T	Ethyl methacrylate	50.000	52.031	-4.1	96	0.00
57 T	1,3-Dichloropropane	50.000	50.314	-0.6	99	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	241.403	3.4	96	0.00
59 T	2-Hexanone	250.000	266.971	-6.8	94	0.00
60 T	Dibromochloromethane	50.000	52.019	-4.0	105	0.00
61 T	1,2-Dibromoethane	50.000	50.029	-0.1	99	0.00
62 S	4-Bromofluorobenzene	50.000	50.660	-1.3	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	43.330	13.3	100	0.00
65 PM	Chlorobenzene	50.000	46.591	6.8	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.840	-1.7	104	0.00
67 C	Ethyl Benzene	50.000	46.315	7.4#	97	0.00
68 T	m/p-Xylenes	100.000	96.326	3.7	98	0.00
69 T	o-Xylene	50.000	47.128	5.7	96	0.00
70 T	Styrene	50.000	50.138	-0.3	98	0.00
71 P	Bromoform	50.000	52.460	-4.9	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	108	0.00
73 T	Isopropylbenzene	50.000	44.919	10.2	97	0.00
74 T	N-amyl acetate	50.000	47.527	4.9	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.918	6.2	104	0.00
76 T	1,2,3-Trichloropropane	50.000	50.326	-0.7	119	0.00
77 T	Bromobenzene	50.000	47.724	4.6	104	0.00
78 T	n-propylbenzene	50.000	45.648	8.7	98	0.00
79 T	2-Chlorotoluene	50.000	44.954	10.1	98	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.956	8.1	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.697	4.6	101	0.00
82 T	4-Chlorotoluene	50.000	44.668	10.7	96	0.00
83 T	tert-Butylbenzene	50.000	46.877	6.2	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.025	6.0	100	0.00
85 T	sec-Butylbenzene	50.000	46.847	6.3	102	0.00
86 T	p-Isopropyltoluene	50.000	47.216	5.6	101	0.00
87 T	1,3-Dichlorobenzene	50.000	47.347	5.3	105	0.00
88 T	1,4-Dichlorobenzene	50.000	45.853	8.3	104	0.00
89 T	n-Butylbenzene	50.000	45.468	9.1	99	0.00
90 T	Hexachloroethane	50.000	49.435	1.1	109	0.00
91 T	1,2-Dichlorobenzene	50.000	47.491	5.0	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	44.003	12.0	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.116	5.8	106	0.00
94 T	Hexachlorobutadiene	50.000	48.532	2.9	113	0.00
95 T	Naphthalene	50.000	46.272	7.5	101	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	47.359	5.3	106	0.00

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