

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086913.D
 Acq On : 10 Jun 2025 09:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 11 01:47:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 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	115	0.00
2 T	Dichlorodifluoromethane	50.000	50.345	-0.7	116	0.00
3 P	Chloromethane	50.000	42.845	14.3	107	0.00
4 C	Vinyl Chloride	50.000	49.190	1.6#	118	0.00
5 T	Bromomethane	50.000	48.104	3.8	116	0.00
6 T	Chloroethane	50.000	49.111	1.8	119	0.00
7 T	Trichlorofluoromethane	50.000	48.882	2.2	118	0.00
8 T	Diethyl Ether	50.000	50.181	-0.4	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.583	2.8	118	0.00
10 T	Methyl Iodide	50.000	42.239	15.5	101	0.00
11 T	Tert butyl alcohol	250.000	203.929	18.4	97	-0.01
12 CM	1,1-Dichloroethene	50.000	49.200	1.6#	119	0.01
13 T	Acrolein	250.000	229.021	8.4	134	0.00
14 T	Allyl chloride	50.000	44.573	10.9	110	0.00
15 T	Acrylonitrile	250.000	229.750	8.1	111	0.00
16 T	Acetone	250.000	245.204	1.9	125	0.00
17 T	Carbon Disulfide	50.000	46.386	7.2	116	0.00
18 T	Methyl Acetate	50.000	45.497	9.0	110	0.00
19 T	Methyl tert-butyl Ether	50.000	49.605	0.8	119	0.00
20 T	Methylene Chloride	50.000	46.410	7.2	118	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.370	5.3	119	0.00
22 T	Diisopropyl ether	50.000	47.178	5.6	114	0.00
23 T	Vinyl Acetate	250.000	236.925	5.2	113	0.00
24 P	1,1-Dichloroethane	50.000	48.190	3.6	117	0.00
25 T	2-Butanone	250.000	213.617	14.6	103	0.00
26 T	2,2-Dichloropropane	50.000	54.150	-8.3	120	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.666	2.7	119	0.00
28 T	Bromochloromethane	50.000	42.951	14.1	117	0.00
29 T	Tetrahydrofuran	250.000	216.165	13.5	105	0.00
30 C	Chloroform	50.000	47.097	5.8#	115	0.00
31 T	Cyclohexane	50.000	41.767	16.5	104	0.00
32 T	1,1,1-Trichloroethane	50.000	47.016	6.0	115	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.789	8.4	142	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35 S	Dibromofluoromethane	50.000	50.869	-1.7	153	0.00
36 T	1,1-Dichloropropene	50.000	49.463	1.1	116	0.00
37 T	Ethyl Acetate	50.000	46.471	7.1	109	0.00
38 T	Carbon Tetrachloride	50.000	49.466	1.1	117	0.00
39 T	Methylcyclohexane	50.000	43.269	13.5	102	0.00
40 TM	Benzene	50.000	48.493	3.0	116	0.00
41 T	Methacrylonitrile	50.000	45.256	9.5	105	0.00
42 TM	1,2-Dichloroethane	50.000	48.671	2.7	116	0.00
43 T	Isopropyl Acetate	50.000	45.998	8.0	109	0.00
44 TM	Trichloroethene	50.000	50.404	-0.8	118	0.00
45 C	1,2-Dichloropropane	50.000	49.004	2.0#	116	0.00
46 T	Dibromomethane	50.000	50.766	-1.5	119	0.00
47 T	Bromodichloromethane	50.000	49.918	0.2	117	0.00
48 T	Methyl methacrylate	50.000	45.601	8.8	107	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	892.983	10.7	96	0.00
50 S	Toluene-d8	50.000	49.146	1.7	149	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.975	5.6	106	0.00
52 CM	Toluene	50.000	49.345	1.3#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	51.759	-3.5	119	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.506	-3.0	120	0.00
55 T	1,1,2-Trichloroethane	50.000	49.785	0.4	117	0.00
56 T	Ethyl methacrylate	50.000	54.447	-8.9	118	0.00
57 T	1,3-Dichloropropane	50.000	49.255	1.5	115	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.474	2.2	128	0.00
59 T	2-Hexanone	250.000	242.131	3.1	103	0.00
60 T	Dibromochloromethane	50.000	51.366	-2.7	119	0.00
61 T	1,2-Dibromoethane	50.000	50.307	-0.6	119	0.00
62 S	4-Bromofluorobenzene	50.000	48.131	3.7	144	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	48.675	2.7	114	0.00
65 PM	Chlorobenzene	50.000	50.661	-1.3	119	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.699	-3.4	118	0.00
67 C	Ethyl Benzene	50.000	48.548	2.9#	112	0.00
68 T	m/p-Xylenes	100.000	99.975	0.0	113	0.00
69 T	o-Xylene	50.000	51.297	-2.6	115	0.00
70 T	Styrene	50.000	51.704	-3.4	115	0.00
71 P	Bromoform	50.000	54.693	-9.4	118	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	49.917	0.2	108	0.00
74 T	N-amyl acetate	50.000	53.204	-6.4	109	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.363	-2.7	110	0.00
76 T	1,2,3-Trichloropropane	50.000	44.986	10.0	93	0.00
77 T	Bromobenzene	50.000	54.054	-8.1	117	0.00
78 T	n-propylbenzene	50.000	48.621	2.8	104	0.00
79 T	2-Chlorotoluene	50.000	48.865	2.3	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.161	1.7	104	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	52.029	-4.1	115	0.00
82 T	4-Chlorotoluene	50.000	50.423	-0.8	109	0.00
83 T	tert-Butylbenzene	50.000	46.840	6.3	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.422	1.2	104	0.00
85 T	sec-Butylbenzene	50.000	46.060	7.9	98	0.00
86 T	p-Isopropyltoluene	50.000	47.367	5.3	100	0.00
87 T	1,3-Dichlorobenzene	50.000	51.039	-2.1	110	0.00
88 T	1,4-Dichlorobenzene	50.000	50.774	-1.5	110	0.00
89 T	n-Butylbenzene	50.000	44.380	11.2	95	0.00
90 T	Hexachloroethane	50.000	48.027	3.9	102	0.00
91 T	1,2-Dichlorobenzene	50.000	50.816	-1.6	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.906	6.2	104	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.529	8.9	97	0.00
94 T	Hexachlorobutadiene	50.000	37.848	24.3	80	0.00
95 T	Naphthalene	50.000	48.711	2.6	104	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	42.897	14.2	92	0.00

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