

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086748.D
 Acq On : 21 May 2025 21:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 22 01:34:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 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	122	0.00
2 T	Dichlorodifluoromethane	50.000	47.942	4.1	105	0.00
3 P	Chloromethane	50.000	39.004	22.0	99	0.00
4 C	Vinyl Chloride	50.000	42.532	14.9#	101	0.00
5 T	Bromomethane	50.000	41.198	17.6	105	0.00
6 T	Chloroethane	50.000	42.141	15.7	106	0.00
7 T	Trichlorofluoromethane	50.000	46.969	6.1	114	0.00
8 T	Diethyl Ether	50.000	47.846	4.3	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.047	3.9	116	0.00
10 T	Methyl Iodide	50.000	46.229	7.5	113	0.00
11 T	Tert butyl alcohol	250.000	212.745	14.9	107	0.00
12 CM	1,1-Dichloroethene	50.000	46.688	6.6#	116	0.00
13 T	Acrolein	250.000	213.923	14.4	105	0.00
14 T	Allyl chloride	50.000	41.615	16.8	104	0.00
15 T	Acrylonitrile	250.000	216.355	13.5	105	0.00
16 T	Acetone	250.000	194.228	22.3	101	0.00
17 T	Carbon Disulfide	50.000	43.173	13.7	105	0.00
18 T	Methyl Acetate	50.000	44.770	10.5	119	0.00
19 T	Methyl tert-butyl Ether	50.000	47.324	5.4	114	0.00
20 T	Methylene Chloride	50.000	43.282	13.4	114	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.821	8.4	114	0.00
22 T	Diisopropyl ether	50.000	43.629	12.7	105	0.00
23 T	Vinyl Acetate	250.000	204.797	18.1	98	0.00
24 P	1,1-Dichloroethane	50.000	44.057	11.9	109	0.00
25 T	2-Butanone	250.000	206.303	17.5	100	0.00
26 T	2,2-Dichloropropane	50.000	41.311	17.4	104	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.392	7.2	115	0.00
28 T	Bromochloromethane	50.000	43.349	13.3	106	0.00
29 T	Tetrahydrofuran	250.000	207.499	17.0	99	0.00
30 C	Chloroform	50.000	44.886	10.2#	112	0.00
31 T	Cyclohexane	50.000	40.799	18.4	105	0.00
32 T	1,1,1-Trichloroethane	50.000	46.443	7.1	113	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.451	11.1	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	119	0.00
35 S	Dibromofluoromethane	50.000	49.203	1.6	117	0.00
36 T	1,1-Dichloropropene	50.000	46.478	7.0	112	0.00
37 T	Ethyl Acetate	50.000	41.156	17.7	100	0.00
38 T	Carbon Tetrachloride	50.000	48.434	3.1	116	0.00
39 T	Methylcyclohexane	50.000	47.366	5.3	111	0.00
40 TM	Benzene	50.000	46.081	7.8	112	0.00
41 T	Methacrylonitrile	50.000	42.482	15.0	101	0.00
42 TM	1,2-Dichloroethane	50.000	43.771	12.5	106	0.00
43 T	Isopropyl Acetate	50.000	36.748	26.5#	101	0.00
44 TM	Trichloroethene	50.000	50.088	-0.2	120	0.00
45 C	1,2-Dichloropropane	50.000	46.252	7.5#	112	0.00
46 T	Dibromomethane	50.000	46.642	6.7	112	0.00
47 T	Bromodichloromethane	50.000	46.852	6.3	112	0.00
48 T	Methyl methacrylate	50.000	43.570	12.9	102	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	919.643	8.0	107	0.00
50 S	Toluene-d8	50.000	49.176	1.6	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	210.215	15.9	100	0.00
52 CM	Toluene	50.000	47.084	5.8#	113	0.00
53 T	t-1,3-Dichloropropene	50.000	47.328	5.3	110	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.542	4.9	113	0.00
55 T	1,1,2-Trichloroethane	50.000	46.546	6.9	115	0.00
56 T	Ethyl methacrylate	50.000	48.748	2.5	111	0.00
57 T	1,3-Dichloropropane	50.000	46.393	7.2	112	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	247.162	1.1	108	0.00
59 T	2-Hexanone	250.000	209.876	16.0	98	0.00
60 T	Dibromochloromethane	50.000	50.903	-1.8	121	0.00
61 T	1,2-Dibromoethane	50.000	46.979	6.0	112	0.00
62 S	4-Bromofluorobenzene	50.000	48.887	2.2	113	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	114	0.00
64 T	Tetrachloroethene	50.000	52.649	-5.3	125	0.00
65 PM	Chlorobenzene	50.000	48.370	3.3	114	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.387	-0.8	117	0.00
67 C	Ethyl Benzene	50.000	47.900	4.2#	110	0.00
68 T	m/p-Xylenes	100.000	99.494	0.5	113	0.00
69 T	o-Xylene	50.000	49.035	1.9	110	0.00
70 T	Styrene	50.000	49.892	0.2	110	0.00
71 P	Bromoform	50.000	51.550	-3.1	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	46.468	7.1	112	0.00
74 T	N-amyl acetate	50.000	41.115	17.8	97	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.314	17.4	103	0.00
76 T	1,2,3-Trichloropropane	50.000	47.818	4.4	115	0.00
77 T	Bromobenzene	50.000	46.461	7.1	114	0.00
78 T	n-propylbenzene	50.000	45.709	8.6	107	0.00
79 T	2-Chlorotoluene	50.000	44.465	11.1	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.114	5.8	110	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.161	5.7	104	0.00
82 T	4-Chlorotoluene	50.000	44.569	10.9	106	0.00
83 T	tert-Butylbenzene	50.000	46.895	6.2	112	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.211	3.6	110	0.00
85 T	sec-Butylbenzene	50.000	47.317	5.4	109	0.00
86 T	p-Isopropyltoluene	50.000	49.250	1.5	111	0.00
87 T	1,3-Dichlorobenzene	50.000	47.950	4.1	111	0.00
88 T	1,4-Dichlorobenzene	50.000	49.236	1.5	114	0.00
89 T	n-Butylbenzene	50.000	48.352	3.3	107	0.00
90 T	Hexachloroethane	50.000	48.203	3.6	110	0.00
91 T	1,2-Dichlorobenzene	50.000	49.234	1.5	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.930	0.1	108	0.00
93 T	1,2,4-Trichlorobenzene	50.000	57.059	-14.1	124	0.00
94 T	Hexachlorobutadiene	50.000	53.065	-6.1	125	0.00
95 T	Naphthalene	50.000	61.211	-22.4	131	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	56.117	-12.2	125	0.00

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