

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088171.D
 Acq On : 29 Oct 2025 18:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 30 04:12:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 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	42.061	15.9	100	0.00
3 P	Chloromethane	50.000	44.954	10.1	111	0.00
4 C	Vinyl Chloride	50.000	44.691	10.6#	108	0.00
5 T	Bromomethane	50.000	42.361	15.3	104	0.00
6 T	Chloroethane	50.000	42.026	15.9	103	0.00
7 T	Trichlorofluoromethane	50.000	41.004	18.0	96	0.00
8 T	Diethyl Ether	50.000	49.533	0.9	128	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	42.918	14.2	104	0.00
10 T	Methyl Iodide	50.000	44.848	10.3	110	0.00
11 T	Tert butyl alcohol	250.000	243.881	2.4	122	0.00
12 CM	1,1-Dichloroethene	50.000	42.270	15.5#	111	0.00
13 T	Acrolein	250.000	324.057	-29.6#	169	0.00
14 T	Allyl chloride	50.000	48.180	3.6	126	0.01
15 T	Acrylonitrile	250.000	260.779	-4.3	126	0.00
16 T	Acetone	250.000	218.338	12.7	115	0.00
17 T	Carbon Disulfide	50.000	40.514	19.0	101	0.00
18 T	Methyl Acetate	50.000	53.657	-7.3	134	0.00
19 T	Methyl tert-butyl Ether	50.000	53.118	-6.2	132	0.00
20 T	Methylene Chloride	50.000	51.088	-2.2	124	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.920	10.2	112	0.00
22 T	Diisopropyl ether	50.000	52.585	-5.2	125	0.00
23 T	Vinyl Acetate	250.000	268.176	-7.3	125	0.00
24 P	1,1-Dichloroethane	50.000	50.594	-1.2	122	0.00
25 T	2-Butanone	250.000	253.497	-1.4	121	0.00
26 T	2,2-Dichloropropane	50.000	43.485	13.0	107	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.457	1.1	121	0.00
28 T	Bromochloromethane	50.000	44.843	10.3	89	0.00
29 T	Tetrahydrofuran	250.000	253.178	-1.3	123	0.00
30 C	Chloroform	50.000	51.911	-3.8#	124	0.00
31 T	Cyclohexane	50.000	41.550	16.9	101	0.00
32 T	1,1,1-Trichloroethane	50.000	47.790	4.4	116	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.702	6.6	98	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	99	0.00
35 S	Dibromofluoromethane	50.000	42.727	14.5	90	0.00
36 T	1,1-Dichloropropene	50.000	47.574	4.9	114	0.00
37 T	Ethyl Acetate	50.000	50.416	-0.8	129	0.00
38 T	Carbon Tetrachloride	50.000	45.667	8.7	110	0.00
39 T	Methylcyclohexane	50.000	36.621	26.8#	87	0.00
40 TM	Benzene	50.000	48.726	2.5	119	0.00
41 T	Methacrylonitrile	50.000	50.219	-0.4	123	0.00
42 TM	1,2-Dichloroethane	50.000	54.779	-9.6	132	0.00
43 T	Isopropyl Acetate	50.000	52.459	-4.9	125	0.00
44 TM	Trichloroethene	50.000	46.562	6.9	114	0.00
45 C	1,2-Dichloropropane	50.000	50.183	-0.4#	122	0.00
46 T	Dibromomethane	50.000	50.456	-0.9	123	0.00
47 T	Bromodichloromethane	50.000	51.172	-2.3	125	0.00
48 T	Methyl methacrylate	50.000	54.552	-9.1	130	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	920.255	8.0	116	0.00
50 S	Toluene-d8	50.000	41.573	16.9	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	269.604	-7.8	127	0.00
52 CM	Toluene	50.000	48.518	3.0#	117	0.00
53 T	t-1,3-Dichloropropene	50.000	51.462	-2.9	122	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.467	-2.9	124	0.00
55 T	1,1,2-Trichloroethane	50.000	50.475	-1.0	124	0.00
56 T	Ethyl methacrylate	50.000	56.517	-13.0	130	0.00
57 T	1,3-Dichloropropane	50.000	52.492	-5.0	126	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	295.928	-18.4	138	0.00
59 T	2-Hexanone	250.000	281.417	-12.6	128	0.00
60 T	Dibromochloromethane	50.000	49.476	1.0	119	0.00
61 T	1,2-Dibromoethane	50.000	49.992	0.0	123	0.00
62 S	4-Bromofluorobenzene	50.000	45.331	9.3	94	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	43.351	13.3	111	0.00
65 PM	Chlorobenzene	50.000	47.360	5.3	114	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.212	1.6	118	0.00
67 C	Ethyl Benzene	50.000	48.024	4.0#	116	0.00
68 T	m/p-Xylenes	100.000	95.220	4.8	112	0.00
69 T	o-Xylene	50.000	49.611	0.8	116	0.00
70 T	Styrene	50.000	52.396	-4.8	120	0.00
71 P	Bromoform	50.000	50.218	-0.4	120	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
73 T	Isopropylbenzene	50.000	47.279	5.4	111	0.00
74 T	N-amyl acetate	50.000	40.074	19.9	92	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.278	-0.6	122	0.00
76 T	1,2,3-Trichloropropane	50.000	50.545	-1.1	120	0.00
77 T	Bromobenzene	50.000	51.497	-3.0	121	0.00
78 T	n-propylbenzene	50.000	45.789	8.4	106	0.00
79 T	2-Chlorotoluene	50.000	51.217	-2.4	119	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.989	4.0	112	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.288	7.4	116	0.00
82 T	4-Chlorotoluene	50.000	49.431	1.1	119	0.00
83 T	tert-Butylbenzene	50.000	44.201	11.6	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.075	1.8	113	0.00
85 T	sec-Butylbenzene	50.000	40.976	18.0	96	0.00
86 T	p-Isopropyltoluene	50.000	42.862	14.3	98	0.00
87 T	1,3-Dichlorobenzene	50.000	48.884	2.2	114	0.00
88 T	1,4-Dichlorobenzene	50.000	46.257	7.5	114	0.00
89 T	n-Butylbenzene	50.000	39.785	20.4	91	0.00
90 T	Hexachloroethane	50.000	39.336	21.3	93	0.00
91 T	1,2-Dichlorobenzene	50.000	48.695	2.6	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.481	-3.0	130	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.761	14.5	102	0.00
94 T	Hexachlorobutadiene	50.000	33.387	33.2#	80	0.00
95 T	Naphthalene	50.000	48.993	2.0	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	42.211	15.6	103	0.00

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