

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087845.D
 Acq On : 15 Sep 2025 18:09
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 16 01:44:46 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	115	0.00
2 T	Dichlorodifluoromethane	50.000	43.042	13.9	87	0.00
3 P	Chloromethane	50.000	47.656	4.7	101	0.00
4 C	Vinyl Chloride	50.000	47.072	5.9#	101	0.00
5 T	Bromomethane	50.000	53.891	-7.8	121	0.00
6 T	Chloroethane	50.000	44.360	11.3	101	0.00
7 T	Trichlorofluoromethane	50.000	43.379	13.2	97	0.00
8 T	Diethyl Ether	50.000	48.834	2.3	115	0.01
9 T	1,1,2-Trichlorotrifluoroeth	50.000	38.972	22.1	90	0.00
10 T	Methyl Iodide	50.000	50.517	-1.0	127	0.00
11 T	Tert butyl alcohol	250.000	221.289	11.5	98	0.00
12 CM	1,1-Dichloroethene	50.000	44.595	10.8#	106	0.00
13 T	Acrolein	250.000	322.360	-28.9#	151	0.00
14 T	Allyl chloride	50.000	42.210	15.6	102	0.00
15 T	Acrylonitrile	250.000	249.920	0.0	116	0.00
16 T	Acetone	250.000	199.030	20.4	98	0.00
17 T	Carbon Disulfide	50.000	45.925	8.2	105	0.00
18 T	Methyl Acetate	50.000	51.922	-3.8	120	0.00
19 T	Methyl tert-butyl Ether	50.000	52.300	-4.6	119	0.00
20 T	Methylene Chloride	50.000	52.597	-5.2	118	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.108	7.8	110	0.00
22 T	Diisopropyl ether	50.000	49.582	0.8	112	0.00
23 T	Vinyl Acetate	250.000	250.450	-0.2	110	0.00
24 P	1,1-Dichloroethane	50.000	47.361	5.3	112	0.00
25 T	2-Butanone	250.000	241.522	3.4	111	0.00
26 T	2,2-Dichloropropane	50.000	34.302	31.4#	79	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.174	-0.3	114	0.00
28 T	Bromochloromethane	50.000	45.815	8.4	112	0.00
29 T	Tetrahydrofuran	250.000	248.411	0.6	114	0.00
30 C	Chloroform	50.000	49.016	2.0#	113	0.00
31 T	Cyclohexane	50.000	37.521	25.0	90	0.00
32 T	1,1,1-Trichloroethane	50.000	46.091	7.8	109	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.058	11.9	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35 S	Dibromofluoromethane	50.000	47.580	4.8	116	0.00
36 T	1,1-Dichloropropene	50.000	41.254	17.5	98	0.00
37 T	Ethyl Acetate	50.000	46.955	6.1	108	0.00
38 T	Carbon Tetrachloride	50.000	45.471	9.1	104	0.00
39 T	Methylcyclohexane	50.000	39.932	20.1	93	0.00
40 TM	Benzene	50.000	48.048	3.9	110	0.00
41 T	Methacrylonitrile	50.000	48.751	2.5	111	0.00
42 TM	1,2-Dichloroethane	50.000	48.772	2.5	111	0.00
43 T	Isopropyl Acetate	50.000	50.026	-0.1	112	0.00
44 TM	Trichloroethene	50.000	46.587	6.8	108	0.00
45 C	1,2-Dichloropropane	50.000	46.998	6.0#	110	0.00
46 T	Dibromomethane	50.000	51.668	-3.3	117	0.00
47 T	Bromodichloromethane	50.000	49.347	1.3	114	0.00
48 T	Methyl methacrylate	50.000	48.878	2.2	111	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	848.858	15.1	89	0.00
50 S	Toluene-d8	50.000	42.004	16.0	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	255.350	-2.1	112	0.00
52 CM	Toluene	50.000	46.001	8.0#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	49.256	1.5	107	0.00
54 T	cis-1,3-Dichloropropene	50.000	48.355	3.3	107	0.00
55 T	1,1,2-Trichloroethane	50.000	52.611	-5.2	119	0.00
56 T	Ethyl methacrylate	50.000	54.917	-9.8	115	0.00
57 T	1,3-Dichloropropane	50.000	50.734	-1.5	113	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	244.517	2.2	110	0.00
59 T	2-Hexanone	250.000	276.047	-10.4	110	0.00
60 T	Dibromochloromethane	50.000	52.872	-5.7	121	0.00
61 T	1,2-Dibromoethane	50.000	52.859	-5.7	119	0.00
62 S	4-Bromofluorobenzene	50.000	44.108	11.8	107	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	109	0.00
64 T	Tetrachloroethene	50.000	45.750	8.5	111	0.00
65 PM	Chlorobenzene	50.000	48.180	3.6	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.442	-6.9	115	0.00
67 C	Ethyl Benzene	50.000	45.925	8.2#	101	0.00
68 T	m/p-Xylenes	100.000	94.795	5.2	101	0.00
69 T	o-Xylene	50.000	48.504	3.0	103	0.00
70 T	Styrene	50.000	50.948	-1.9	104	0.00
71 P	Bromoform	50.000	57.073	-14.1	123	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73 T	Isopropylbenzene	50.000	44.714	10.6	99	0.00
74 T	N-ethyl acetate	50.000	47.856	4.3	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.743	-1.5	114	0.00
76 T	1,2,3-Trichloropropane	50.000	46.074	7.9	111	0.00
77 T	Bromobenzene	50.000	49.818	0.4	111	0.00
78 T	n-propylbenzene	50.000	44.289	11.4	97	0.00
79 T	2-Chlorotoluene	50.000	45.091	9.8	100	0.00
80 T	1,3,5-Trimethylbenzene	50.000	44.957	10.1	98	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.895	8.2	100	0.00
82 T	4-Chlorotoluene	50.000	44.590	10.8	98	0.00
83 T	tert-Butylbenzene	50.000	45.830	8.3	99	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.456	7.1	101	0.00
85 T	sec-Butylbenzene	50.000	43.986	12.0	97	0.00
86 T	p-Isopropyltoluene	50.000	45.208	9.6	99	0.00
87 T	1,3-Dichlorobenzene	50.000	46.643	6.7	106	0.00
88 T	1,4-Dichlorobenzene	50.000	46.169	7.7	107	0.00
89 T	n-Butylbenzene	50.000	43.122	13.8	96	0.00
90 T	Hexachloroethane	50.000	44.490	11.0	100	0.00
91 T	1,2-Dichlorobenzene	50.000	48.546	2.9	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.943	0.1	115	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.131	1.7	113	0.00
94 T	Hexachlorobutadiene	50.000	45.106	9.8	107	0.00
95 T	Naphthalene	50.000	52.436	-4.9	117	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	49.417	1.2	113	0.00

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