

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN031125\  
 Data File : VN085928.D  
 Acq On : 11 Mar 2025 13:22  
 Operator : JC\MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 LabSampleId :  
 VSTDCCC050

Quant Time: Mar 12 01:17:51 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N021825W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 19 03:43:32 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	60	0.00
2 T	Dichlorodifluoromethane	50.000	56.573	-13.1	69	0.00
3 P	Chloromethane	50.000	54.136	-8.3	71	0.00
4 C	Vinyl Chloride	50.000	51.634	-3.3#	66	0.00
5 T	Bromomethane	50.000	45.857	8.3	60	0.00
6 T	Chloroethane	50.000	44.083	11.8	61	0.00
7 T	Trichlorofluoromethane	50.000	52.097	-4.2	68	0.00
8 T	Diethyl Ether	50.000	53.392	-6.8	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.955	-5.9	68	0.00
10 T	Methyl Iodide	50.000	52.065	-4.1	65	0.00
11 T	Tert butyl alcohol	250.000	242.354	3.1	59	0.02
12 CM	1,1-Dichloroethene	50.000	54.147	-8.3#	68	0.00
13 T	Acrolein	250.000	211.429	15.4	47	0.00
14 T	Allyl chloride	50.000	54.113	-8.2	68	0.01
15 T	Acrylonitrile	250.000	275.784	-10.3	70	0.00
16 T	Acetone	250.000	276.540	-10.6	74	0.00
17 T	Carbon Disulfide	50.000	55.533	-11.1	74	0.00
18 T	Methyl Acetate	50.000	43.940	12.1	60	0.00
19 T	Methyl tert-butyl Ether	50.000	56.919	-13.8	67	0.00
20 T	Methylene Chloride	50.000	50.948	-1.9	68	0.00
21 T	trans-1,2-Dichloroethene	50.000	54.484	-9.0	70	0.00
22 T	Diisopropyl ether	50.000	57.461	-14.9	68	0.00
23 T	Vinyl Acetate	250.000	294.389	-17.8	70	0.00
24 P	1,1-Dichloroethane	50.000	53.355	-6.7	69	0.00
25 T	2-Butanone	250.000	280.150	-12.1	69	0.01
26 T	2,2-Dichloropropane	50.000	53.414	-6.8	67	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.194	-4.4	65	0.00
28 T	Bromochloromethane	50.000	64.588	-29.2#	79	0.00
29 T	Tetrahydrofuran	250.000	291.733	-16.7	70	0.00
30 C	Chloroform	50.000	52.815	-5.6#	69	0.00
31 T	Cyclohexane	50.000	55.780	-11.6	72	0.00
32 T	1,1,1-Trichloroethane	50.000	53.194	-6.4	68	0.00
33 S	1,2-Dichloroethane-d4	50.000	55.421	-10.8	70	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	59	0.00
35 S	Dibromofluoromethane	50.000	56.081	-12.2	68	0.00
36 T	1,1-Dichloropropene	50.000	57.708	-15.4	68	0.00
37 T	Ethyl Acetate	50.000	56.682	-13.4	68	0.00
38 T	Carbon Tetrachloride	50.000	56.814	-13.6	70	0.00
39 T	Methylcyclohexane	50.000	61.866	-23.7	67	0.00
40 TM	Benzene	50.000	56.244	-12.5	68	0.00
41 T	Methacrylonitrile	50.000	59.941	-19.9	67	0.01
42 TM	1,2-Dichloroethane	50.000	55.998	-12.0	70	0.00
43 T	Isopropyl Acetate	50.000	55.431	-10.9	68	0.00
44 TM	Trichloroethene	50.000	50.566	-1.1	64	0.00
45 C	1,2-Dichloropropane	50.000	56.656	-13.3#	69	0.00
46 T	Dibromomethane	50.000	55.583	-11.2	68	0.00
47 T	Bromodichloromethane	50.000	54.952	-9.9	68	0.00
48 T	Methyl methacrylate	50.000	60.625	-21.3	67	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	1229.394	-22.9	68	0.00
50 S	Toluene-d8	50.000	57.501	-15.0	67	0.00
51 T	4-Methyl-2-Pentanone	250.000	305.744	-22.3	70	0.00
52 CM	Toluene	50.000	61.214	-22.4#	70	0.00
53 T	t-1,3-Dichloropropene	50.000	60.485	-21.0	68	0.00
54 T	cis-1,3-Dichloropropene	50.000	59.087	-18.2	67	0.00
55 T	1,1,2-Trichloroethane	50.000	54.621	-9.2	67	0.00
56 T	Ethyl methacrylate	50.000	56.615	-13.2	68	0.00
57 T	1,3-Dichloropropane	50.000	56.791	-13.6	68	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.868	4.5	62	0.00
59 T	2-Hexanone	250.000	325.783	-30.3#	71	0.00
60 T	Dibromochloromethane	50.000	58.241	-16.5	69	0.00
61 T	1,2-Dibromoethane	50.000	57.968	-15.9	69	0.00
62 S	4-Bromofluorobenzene	50.000	64.447	-28.9#	71	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	61	0.00
64 T	Tetrachloroethene	50.000	52.336	-4.7	69	0.00
65 PM	Chlorobenzene	50.000	52.896	-5.8	67	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	53.877	-7.8	69	0.00
67 C	Ethyl Benzene	50.000	60.189	-20.4#	70	0.00
68 T	m/p-Xylenes	100.000	125.614	-25.6#	71	0.00
69 T	o-Xylene	50.000	60.624	-21.2	68	0.00
70 T	Styrene	50.000	56.209	-12.4	70	0.00
71 P	Bromoform	50.000	57.178	-14.4	71	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	68	0.00
73 T	Isopropylbenzene	50.000	53.095	-6.2	68	0.00
74 T	N-amyl acetate	50.000	53.719	-7.4	71	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.527	6.9	70	0.00
76 T	1,2,3-Trichloropropane	50.000	52.150	-4.3	83	0.00
77 T	Bromobenzene	50.000	50.426	-0.9	70	0.00
78 T	n-propylbenzene	50.000	56.559	-13.1	70	0.00
79 T	2-Chlorotoluene	50.000	52.640	-5.3	71	0.00
80 T	1,3,5-Trimethylbenzene	50.000	57.065	-14.1	70	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	59.775	-19.5	78	0.00
82 T	4-Chlorotoluene	50.000	54.629	-9.3	72	0.00
83 T	tert-Butylbenzene	50.000	54.327	-8.7	67	0.00
84 T	1,2,4-Trimethylbenzene	50.000	59.570	-19.1	72	0.00
85 T	sec-Butylbenzene	50.000	55.632	-11.3	68	0.00
86 T	p-Isopropyltoluene	50.000	51.591	-3.2	70	0.00
87 T	1,3-Dichlorobenzene	50.000	50.299	-0.6	72	0.00
88 T	1,4-Dichlorobenzene	50.000	48.956	2.1	71	0.00
89 T	n-Butylbenzene	50.000	55.932	-11.9	70	0.00
90 T	Hexachloroethane	50.000	48.627	2.7	70	0.00
91 T	1,2-Dichlorobenzene	50.000	50.074	-0.1	72	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.074	5.9	71	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.276	-2.6	69	0.00
94 T	Hexachlorobutadiene	50.000	45.261	9.5	70	0.00
95 T	Naphthalene	50.000	52.553	-5.1	67	0.00

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Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	50.000	49.402	1.2	67	0.00

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