

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN021919\
 Data File : VN053856.D
 Acq On : 19 Feb 2019 9:02
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 20 03:25:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	41.827	16.3	72	0.00
3 P	Chloromethane	50.000	41.743	16.5	72	0.00
4 C	Vinyl Chloride	50.000	46.532	6.9#	79	0.00
5 T	Bromomethane	50.000	48.401	3.2	85	0.00
6 T	Chloroethane	50.000	50.819	-1.6	88	0.00
7 T	Trichlorofluoromethane	50.000	49.404	1.2	85	0.00
8 T	Diethyl Ether	50.000	44.398	11.2	77	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.739	2.5	86	0.00
10 T	Methyl Iodide	50.000	43.740	12.5	76	0.00
11 T	Tert butyl alcohol	250.000	242.593	3.0	85	0.00
12 CM	1,1-Dichloroethene	50.000	44.335	11.3#	76	0.00
13 T	Acrolein	250.000	281.005	-12.4	121	0.00
14 T	Allyl chloride	50.000	44.823	10.4	77	0.00
15 T	Acrylonitrile	250.000	242.880	2.8	83	0.00
16 T	Acetone	250.000	335.067	-34.0#	123	0.00
17 T	Carbon Disulfide	50.000	37.809	24.4	66	0.00
18 T	Methyl Acetate	50.000	52.967	-5.9	96	0.00
19 T	Methyl tert-butyl Ether	50.000	49.147	1.7	83	0.00
20 T	Methylene Chloride	50.000	45.000	10.0	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.542	10.9	78	0.00
22 T	Diisopropyl ether	50.000	48.785	2.4	82	0.00
23 T	Vinyl Acetate	250.000	231.070	7.6	76	0.00
24 P	1,1-Dichloroethane	50.000	46.739	6.5	82	0.00
25 T	2-Butanone	250.000	274.659	-9.9	95	0.00
26 T	2,2-Dichloropropane	50.000	49.293	1.4	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.501	3.0	83	0.00
28 T	Bromochloromethane	50.000	50.690	-1.4	88	0.00
29 T	Tetrahydrofuran	250.000	254.425	-1.8	85	0.00
30 C	Chloroform	50.000	49.436	1.1#	88	0.00
31 T	Cyclohexane	50.000	43.629	12.7	77	0.00
32 T	1,1,1-Trichloroethane	50.000	49.583	0.8	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.469	5.1	83	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35 S	Dibromofluoromethane	50.000	53.533	-7.1	89	0.00
36 T	1,1-Dichloropropene	50.000	49.678	0.6	82	0.00
37 T	Ethyl Acetate	50.000	52.357	-4.7	80	0.00
38 T	Carbon Tetrachloride	50.000	50.353	-0.7	84	0.00
39 T	Methylcyclohexane	50.000	48.575	2.8	78	0.00
40 TM	Benzene	50.000	48.358	3.3	81	0.00
41 T	Methacrylonitrile	50.000	45.036	9.9	75	0.00
42 TM	1,2-Dichloroethane	50.000	47.964	4.1	81	0.00
43 T	Isopropyl Acetate	50.000	45.260	9.5	77	0.00
44 TM	Trichloroethene	50.000	47.354	5.3	82	0.00
45 C	1,2-Dichloropropane	50.000	50.653	-1.3#	83	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	48.939	2.1	83	0.00
47 T	Bromodichloromethane	50.000	51.410	-2.8	86	0.00
48 T	Methyl methacrylate	50.000	46.235	7.5	77	0.00
49 T	1,4-Dioxane	1000.000	1018.405	-1.8	90	0.00
50 S	Toluene-d8	50.000	50.514	-1.0	84	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.542	-4.2	83	0.00
52 CM	Toluene	50.000	49.838	0.3#	82	0.00
53 T	t-1,3-Dichloropropene	50.000	52.477	-5.0	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.974	-1.9	83	0.00
55 T	1,1,2-Trichloroethane	50.000	56.142	-12.3	92	0.00
56 T	Ethyl methacrylate	50.000	52.416	-4.8	83	0.00
57 T	1,3-Dichloropropane	50.000	54.095	-8.2	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	185.287	25.9#	63	0.00
59 T	2-Hexanone	250.000	291.620	-16.6	94	0.00
60 T	Dibromochloromethane	50.000	57.078	-14.2	93	0.00
61 T	1,2-Dibromoethane	50.000	52.585	-5.2	88	0.00
62 S	4-Bromofluorobenzene	50.000	52.258	-4.5	87	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	51.312	-2.6	92	0.00
65 PM	Chlorobenzene	50.000	49.390	1.2	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.892	-3.8	91	0.00
67 C	Ethyl Benzene	50.000	49.100	1.8#	86	0.00
68 T	m/p-Xylenes	100.000	99.504	0.5	86	0.00
69 T	o-Xylene	50.000	48.863	2.3	84	0.00
70 T	Styrene	50.000	49.555	0.9	85	0.00
71 P	Bromoform	50.000	53.023	-6.0	90	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	84	0.00
73 T	Isopropylbenzene	50.000	50.787	-1.6	87	0.00
74 T	N-amyl acetate	50.000	47.853	4.3	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.414	3.2	85	0.00
76 T	1,2,3-Trichloropropane	50.000	59.654	-19.3	104	0.00
77 T	Bromobenzene	50.000	50.026	-0.1	86	0.00
78 T	n-propylbenzene	50.000	51.287	-2.6	86	0.00
79 T	2-Chlorotoluene	50.000	50.357	-0.7	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.843	-5.7	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.794	0.4	82	0.00
82 T	4-Chlorotoluene	50.000	49.871	0.3	85	0.00
83 T	tert-Butylbenzene	50.000	53.283	-6.6	90	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.258	-4.5	86	0.00
85 T	sec-Butylbenzene	50.000	53.264	-6.5	89	0.00
86 T	p-Isopropyltoluene	50.000	53.884	-7.8	89	0.00
87 T	1,3-Dichlorobenzene	50.000	50.493	-1.0	88	0.00
88 T	1,4-Dichlorobenzene	50.000	50.643	-1.3	88	0.00
89 T	n-Butylbenzene	50.000	53.615	-7.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	56.120	-12.2	97	0.00
91 T	1,2-Dichlorobenzene	50.000	51.510	-3.0	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.434	-0.9	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.992	-4.0	82	0.00
94 T	Hexachlorobutadiene	50.000	57.041	-14.1	97	0.00
95 T	Naphthalene	50.000	40.634	18.7	69	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.445	-4.9	84	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6