

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080418\
 Data File : VN050355.D
 Acq On : 4 Aug 2018 10:01
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 06 01:42:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	104	0.00
2 T	Dichlorodifluoromethane	50.000	44.305	11.4	86	0.00
3 P	Chloromethane	50.000	40.203	19.6	86	0.00
4 C	Vinyl Chloride	50.000	40.747	18.5#	87	0.00
5 T	Bromomethane	50.000	67.627	-35.3#	141	0.01
6 T	Chloroethane	50.000	41.098	17.8	91	0.00
7 T	Trichlorofluoromethane	50.000	43.979	12.0	97	0.00
8 T	Diethyl Ether	50.000	46.434	7.1	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.421	7.2	104	0.00
10 T	Methyl Iodide	50.000	23.162	53.7#	47	0.00
11 T	Tert butyl alcohol	250.000	223.687	10.5	95	-0.01
12 CM	1,1-Dichloroethene	50.000	44.439	11.1#	96	0.00
13 T	Acrolein	250.000	296.782	-18.7	116	0.00
14 T	Allyl chloride	50.000	46.927	6.1	100	0.00
15 T	Acrylonitrile	250.000	235.207	5.9	99	0.00
16 T	Acetone	250.000	222.282	11.1	92	0.00
17 T	Carbon Disulfide	50.000	36.408	27.2#	81	0.00
18 T	Methyl Acetate	50.000	57.438	-14.9	119	0.00
19 T	Methyl tert-butyl Ether	50.000	49.804	0.4	101	0.00
20 T	Methylene Chloride	50.000	48.761	2.5	100	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.789	10.4	97	0.00
22 T	Diisopropyl ether	50.000	51.736	-3.5	104	0.00
23 T	Vinyl Acetate	250.000	221.919	11.2	89	0.00
24 P	1,1-Dichloroethane	50.000	46.371	7.3	101	0.00
25 T	2-Butanone	250.000	228.148	8.7	95	0.00
26 T	2,2-Dichloropropane	50.000	51.968	-3.9	115	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.490	3.0	101	0.00
28 T	Bromochloromethane	50.000	48.339	3.3	103	0.00
29 T	Tetrahydrofuran	250.000	233.507	6.6	95	0.00
30 C	Chloroform	50.000	46.998	6.0#	103	0.00
31 T	Cyclohexane	50.000	45.975	8.0	97	0.00
32 T	1,1,1-Trichloroethane	50.000	46.502	7.0	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.024	6.0	101	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	50.470	-0.9	101	0.00
36 T	1,1-Dichloropropene	50.000	50.605	-1.2	100	0.00
37 T	Ethyl Acetate	50.000	46.941	6.1	94	0.00
38 T	Carbon Tetrachloride	50.000	48.551	2.9	100	0.00
39 T	Methylcyclohexane	50.000	52.146	-4.3	102	0.00
40 TM	Benzene	50.000	50.471	-0.9	101	0.00
41 T	Methacrylonitrile	50.000	49.823	0.4	124	0.00
42 TM	1,2-Dichloroethane	50.000	48.503	3.0	100	0.00
43 T	Isopropyl Acetate	50.000	49.102	1.8	101	0.00
44 TM	Trichloroethene	50.000	48.622	2.8	102	0.00
45 C	1,2-Dichloropropane	50.000	51.812	-3.6#	105	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	49.892	0.2	100	0.00
47 T	Bromodichloromethane	50.000	51.010	-2.0	105	0.00
48 T	Methyl methacrylate	50.000	53.370	-6.7	100	0.00
49 T	1,4-Dioxane	1000.000	1049.516	-5.0	99	0.00
50 S	Toluene-d8	50.000	52.362	-4.7	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.418	-4.2	98	0.00
52 CM	Toluene	50.000	53.144	-6.3#	101	0.00
53 T	t-1,3-Dichloropropene	50.000	55.313	-10.6	106	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.369	-8.7	106	0.00
55 T	1,1,2-Trichloroethane	50.000	51.903	-3.8	105	0.00
56 T	Ethyl methacrylate	50.000	49.507	1.0	103	0.00
57 T	1,3-Dichloropropane	50.000	52.264	-4.5	103	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	240.781	3.7	99	0.00
59 T	2-Hexanone	250.000	248.409	0.6	101	0.00
60 T	Dibromochloromethane	50.000	52.670	-5.3	103	0.00
61 T	1,2-Dibromoethane	50.000	51.149	-2.3	102	0.00
62 S	4-Bromofluorobenzene	50.000	55.875	-11.8	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	47.915	4.2	99	0.00
65 PM	Chlorobenzene	50.000	50.467	-0.9	104	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.455	-0.9	106	0.00
67 C	Ethyl Benzene	50.000	54.657	-9.3#	105	0.00
68 T	m/p-Xylenes	100.000	111.957	-12.0	105	0.00
69 T	o-Xylene	50.000	55.791	-11.6	105	0.00
70 T	Styrene	50.000	52.156	-4.3	106	0.00
71 P	Bromoform	50.000	50.421	-0.8	102	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	51.360	-2.7	107	0.00
74 T	N-amyl acetate	50.000	49.149	1.7	100	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.792	0.4	102	0.00
76 T	1,2,3-Trichloropropane	50.000	47.096	5.8	105	0.00
77 T	Bromobenzene	50.000	47.909	4.2	106	0.00
78 T	n-propylbenzene	50.000	53.912	-7.8	108	0.00
79 T	2-Chlorotoluene	50.000	50.887	-1.8	107	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.006	-10.0	109	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.042	-0.1	102	0.00
82 T	4-Chlorotoluene	50.000	53.285	-6.6	108	0.00
83 T	tert-Butylbenzene	50.000	54.332	-8.7	110	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.809	-11.6	108	0.00
85 T	sec-Butylbenzene	50.000	54.647	-9.3	109	0.00
86 T	p-Isopropyltoluene	50.000	57.541	-15.1	111	0.00
87 T	1,3-Dichlorobenzene	50.000	51.334	-2.7	109	0.00
88 T	1,4-Dichlorobenzene	50.000	51.721	-3.4	110	0.00
89 T	n-Butylbenzene	50.000	59.211	-18.4	115	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	43.404	13.2	100	0.00
91 T	1,2-Dichlorobenzene	50.000	49.531	0.9	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.456	5.1	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.635	-5.3	117	0.00
94 T	Hexachlorobutadiene	50.000	50.965	-1.9	114	0.00
95 T	Naphthalene	50.000	50.133	-0.3	115	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.028	-4.1	114	0.00

(#) = Out of Range

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