

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN060819\
 Data File : VN056101.D
 Acq On : 7 Jun 2019 16:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 08 06:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	47.792	4.4	87	0.00
3 P	Chloromethane	50.000	49.501	1.0	86	0.00
4 C	Vinyl Chloride	50.000	49.780	0.4#	86	0.00
5 T	Bromomethane	50.000	45.937	8.1	81	-0.01
6 T	Chloroethane	50.000	47.856	4.3	84	0.00
7 T	Trichlorofluoromethane	50.000	48.583	2.8	87	0.00
8 T	Diethyl Ether	50.000	47.279	5.4	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.486	-5.0	95	0.00
10 T	Methyl Iodide	50.000	45.502	9.0	81	0.00
11 T	Tert butyl alcohol	250.000	229.182	8.3	84	0.00
12 CM	1,1-Dichloroethene	50.000	49.128	1.7#	87	0.00
13 T	Acrolein	250.000	259.942	-4.0	96	0.00
14 T	Allyl chloride	50.000	49.340	1.3	88	0.00
15 T	Acrylonitrile	250.000	272.514	-9.0	94	0.00
16 T	Acetone	250.000	241.643	3.3	86	0.00
17 T	Carbon Disulfide	50.000	44.297	11.4	77	0.00
18 T	Methyl Acetate	50.000	54.703	-9.4	100	0.00
19 T	Methyl tert-butyl Ether	50.000	50.150	-0.3	91	0.00
20 T	Methylene Chloride	50.000	49.170	1.7	91	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.139	1.7	88	0.00
22 T	Diisopropyl ether	50.000	50.339	-0.7	92	0.00
23 T	Vinyl Acetate	250.000	260.857	-4.3	90	0.00
24 P	1,1-Dichloroethane	50.000	50.117	-0.2	90	0.00
25 T	2-Butanone	250.000	265.522	-6.2	92	0.00
26 T	2,2-Dichloropropane	50.000	47.821	4.4	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.583	0.8	89	0.00
28 T	Bromochloromethane	50.000	49.053	1.9	86	0.00
29 T	Tetrahydrofuran	250.000	265.712	-6.3	94	0.00
30 C	Chloroform	50.000	50.257	-0.5#	90	0.00
31 T	Cyclohexane	50.000	46.775	6.5	88	0.00
32 T	1,1,1-Trichloroethane	50.000	49.196	1.6	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	48.699	2.6	88	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	89	0.00
35 S	Dibromofluoromethane	50.000	50.487	-1.0	89	0.00
36 T	1,1-Dichloropropene	50.000	48.991	2.0	89	0.00
37 T	Ethyl Acetate	50.000	54.876	-9.8	93	0.00
38 T	Carbon Tetrachloride	50.000	49.748	0.5	88	0.00
39 T	Methylcyclohexane	50.000	50.114	-0.2	89	0.00
40 TM	Benzene	50.000	50.986	-2.0	90	0.00
41 T	Methacrylonitrile	50.000	59.851	-19.7	111	0.00
42 TM	1,2-Dichloroethane	50.000	49.723	0.6	90	0.00
43 T	Isopropyl Acetate	50.000	52.967	-5.9	91	0.00
44 TM	Trichloroethene	50.000	49.389	1.2	88	0.00
45 C	1,2-Dichloropropane	50.000	52.519	-5.0#	94	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)
46 T	Dibromomethane	50.000	51.332	-2.7	91	0.00
47 T	Bromodichloromethane	50.000	51.098	-2.2	88	0.00
48 T	Methyl methacrylate	50.000	53.947	-7.9	96	0.00
49 T	1,4-Dioxane	1000.000	1136.945	-13.7	99	0.00
50 S	Toluene-d8	50.000	49.667	0.7	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	271.625	-8.6	95	0.00
52 CM	Toluene	50.000	51.818	-3.6#	91	0.00
53 T	t-1,3-Dichloropropene	50.000	46.871	6.3	88	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.057	-6.1	89	0.00
55 T	1,1,2-Trichloroethane	50.000	52.275	-4.5	92	0.00
56 T	Ethyl methacrylate	50.000	54.115	-8.2	92	0.00
57 T	1,3-Dichloropropane	50.000	52.617	-5.2	92	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	250.786	-0.3	98	0.00
59 T	2-Hexanone	250.000	270.100	-8.0	95	0.00
60 T	Dibromochloromethane	50.000	46.771	6.5	88	0.00
61 T	1,2-Dibromoethane	50.000	53.038	-6.1	92	0.00
62 S	4-Bromofluorobenzene	50.000	51.391	-2.8	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	48.306	3.4	90	0.00
65 PM	Chlorobenzene	50.000	50.918	-1.8	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.565	-3.1	90	0.00
67 C	Ethyl Benzene	50.000	50.541	-1.1#	91	0.00
68 T	m/p-Xylenes	100.000	102.520	-2.5	91	0.00
69 T	o-Xylene	50.000	50.415	-0.8	90	0.00
70 T	Styrene	50.000	53.641	-7.3	92	0.00
71 P	Bromoform	50.000	45.074	9.9	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73 T	Isopropylbenzene	50.000	52.994	-6.0	92	0.00
74 T	N-amyl acetate	50.000	49.790	0.4	93	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.524	3.0	94	0.00
76 T	1,2,3-Trichloropropane	50.000	49.285	1.4	94	0.00
77 T	Bromobenzene	50.000	47.240	5.5	91	0.00
78 T	n-propylbenzene	50.000	48.861	2.3	93	0.00
79 T	2-Chlorotoluene	50.000	52.851	-5.7	92	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.902	6.2	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.395	-0.8	89	0.00
82 T	4-Chlorotoluene	50.000	49.449	1.1	94	0.00
83 T	tert-Butylbenzene	50.000	52.861	-5.7	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.950	2.1	92	0.00
85 T	sec-Butylbenzene	50.000	48.345	3.3	93	0.00
86 T	p-Isopropyltoluene	50.000	49.357	1.3	92	0.00
87 T	1,3-Dichlorobenzene	50.000	50.658	-1.3	93	0.00
88 T	1,4-Dichlorobenzene	50.000	50.954	-1.9	94	0.00
89 T	n-Butylbenzene	50.000	51.820	-3.6	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.712	4.6	87	0.00
91 T	1,2-Dichlorobenzene	50.000	49.286	1.4	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.295	-2.6	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.494	9.0	92	0.00
94 T	Hexachlorobutadiene	50.000	54.651	-9.3	96	0.00
95 T	Naphthalene	50.000	45.353	9.3	90	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.327	5.3	92	0.00

(#) = Out of Range

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