

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041719\
 Data File : VN055111.D
 Acq On : 17 Apr 2019 17:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 18 08:51:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	46.358	7.3	87	0.00
3 P	Chloromethane	50.000	46.051	7.9	88	0.00
4 C	Vinyl Chloride	50.000	46.163	7.7#	89	0.00
5 T	Bromomethane	50.000	43.211	13.6	83	0.00
6 T	Chloroethane	50.000	46.322	7.4	88	0.00
7 T	Trichlorofluoromethane	50.000	47.062	5.9	89	0.00
8 T	Diethyl Ether	50.000	47.131	5.7	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.909	8.2	88	0.00
10 T	Methyl Iodide	50.000	44.534	10.9	88	0.00
11 T	Tert butyl alcohol	250.000	307.192	-22.9	113	0.00
12 CM	1,1-Dichloroethene	50.000	44.722	10.6#	86	0.00
13 T	Acrolein	250.000	263.196	-5.3	106	0.00
14 T	Allyl chloride	50.000	50.132	-0.3	91	0.00
15 T	Acrylonitrile	250.000	276.807	-10.7	98	0.00
16 T	Acetone	250.000	242.076	3.2	96	0.00
17 T	Carbon Disulfide	50.000	43.024	14.0	81	0.00
18 T	Methyl Acetate	50.000	57.072	-14.1	104	0.00
19 T	Methyl tert-butyl Ether	50.000	52.837	-5.7	95	0.00
20 T	Methylene Chloride	50.000	47.117	5.8	94	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.457	7.1	88	0.00
22 T	Diisopropyl ether	50.000	51.169	-2.3	93	0.00
23 T	Vinyl Acetate	250.000	285.504	-14.2	96	0.00
24 P	1,1-Dichloroethane	50.000	49.062	1.9	91	0.00
25 T	2-Butanone	250.000	287.616	-15.0	100	0.00
26 T	2,2-Dichloropropane	50.000	51.572	-3.1	93	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.480	1.0	90	0.00
28 T	Bromochloromethane	50.000	47.450	5.1	91	0.00
29 T	Tetrahydrofuran	250.000	282.953	-13.2	100	0.00
30 C	Chloroform	50.000	49.254	1.5#	93	0.00
31 T	Cyclohexane	50.000	50.087	-0.2	90	0.00
32 T	1,1,1-Trichloroethane	50.000	49.946	0.1	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.958	0.1	94	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	50.471	-0.9	95	0.00
36 T	1,1-Dichloropropene	50.000	48.485	3.0	91	0.00
37 T	Ethyl Acetate	50.000	53.855	-7.7	101	0.00
38 T	Carbon Tetrachloride	50.000	46.800	6.4	91	0.00
39 T	Methylcyclohexane	50.000	47.971	4.1	90	0.00
40 TM	Benzene	50.000	49.117	1.8	91	0.00
41 T	Methacrylonitrile	50.000	53.939	-7.9	99	0.00
42 TM	1,2-Dichloroethane	50.000	50.565	-1.1	94	0.00
43 T	Isopropyl Acetate	50.000	56.729	-13.5	99	0.00
44 TM	Trichloroethene	50.000	49.841	0.3	92	0.00
45 C	1,2-Dichloropropane	50.000	50.867	-1.7#	95	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	52.067	-4.1	94	0.00
47 T	Bromodichloromethane	50.000	50.308	-0.6	92	0.00
48 T	Methyl methacrylate	50.000	58.091	-16.2	103	0.00
49 T	1,4-Dioxane	1000.000	1362.277	-36.2#	123	0.00
50 S	Toluene-d8	50.000	51.330	-2.7	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	294.094	-17.6	102	0.00
52 CM	Toluene	50.000	51.481	-3.0#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	56.680	-13.4	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.921	-9.8	94	0.00
55 T	1,1,2-Trichloroethane	50.000	51.902	-3.8	96	0.00
56 T	Ethyl methacrylate	50.000	59.426	-18.9	98	0.00
57 T	1,3-Dichloropropane	50.000	52.802	-5.6	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	260.128	-4.1	100	0.00
59 T	2-Hexanone	250.000	294.413	-17.8	102	0.00
60 T	Dibromochloromethane	50.000	55.080	-10.2	95	0.00
61 T	1,2-Dibromoethane	50.000	54.961	-9.9	97	0.00
62 S	4-Bromofluorobenzene	50.000	54.890	-9.8	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	45.999	8.0	93	0.00
65 PM	Chlorobenzene	50.000	49.162	1.7	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.790	0.4	93	0.00
67 C	Ethyl Benzene	50.000	49.812	0.4#	94	0.00
68 T	m/p-Xylenes	100.000	102.333	-2.3	93	0.00
69 T	o-Xylene	50.000	52.100	-4.2	94	0.00
70 T	Styrene	50.000	53.909	-7.8	94	0.00
71 P	Bromoform	50.000	57.406	-14.8	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	43.817	12.4	94	0.00
74 T	N-amyl acetate	50.000	55.582	-11.2	104	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.747	6.5	100	0.00
76 T	1,2,3-Trichloropropane	50.000	53.434	-6.9	113	0.00
77 T	Bromobenzene	50.000	44.469	11.1	94	0.00
78 T	n-propylbenzene	50.000	45.463	9.1	94	0.00
79 T	2-Chlorotoluene	50.000	44.578	10.8	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	45.810	8.4	96	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.087	-10.2	104	0.00
82 T	4-Chlorotoluene	50.000	46.734	6.5	94	0.00
83 T	tert-Butylbenzene	50.000	45.523	9.0	97	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.633	4.7	96	0.00
85 T	sec-Butylbenzene	50.000	46.474	7.1	97	0.00
86 T	p-Isopropyltoluene	50.000	47.573	4.9	96	0.00
87 T	1,3-Dichlorobenzene	50.000	48.877	2.2	95	0.00
88 T	1,4-Dichlorobenzene	50.000	49.437	1.1	95	0.00
89 T	n-Butylbenzene	50.000	53.120	-6.2	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.990	6.0	99	0.00
91 T	1,2-Dichlorobenzene	50.000	48.747	2.5	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	52.000	-4.0	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.280	1.4	99	0.00
94 T	Hexachlorobutadiene	50.000	50.458	-0.9	105	0.00
95 T	Naphthalene	50.000	47.887	4.2	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	59.544	-19.1	102	0.00

(#) = Out of Range

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