

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN041619\
 Data File : VN055069.D
 Acq On : 16 Apr 2019 11:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 17 02:09:34 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	105	0.00
2 T	Dichlorodifluoromethane	50.000	47.214	5.6	102	0.00
3 P	Chloromethane	50.000	44.827	10.3	99	0.00
4 C	Vinyl Chloride	50.000	44.745	10.5#	101	0.00
5 T	Bromomethane	50.000	43.847	12.3	98	0.00
6 T	Chloroethane	50.000	46.169	7.7	102	0.00
7 T	Trichlorofluoromethane	50.000	46.506	7.0	102	0.00
8 T	Diethyl Ether	50.000	44.367	11.3	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	47.303	5.4	106	0.00
10 T	Methyl Iodide	50.000	53.791	-7.6	123	0.00
11 T	Tert butyl alcohol	250.000	230.291	7.9	99	-0.01
12 CM	1,1-Dichloroethene	50.000	44.881	10.2#	101	0.00
13 T	Acrolein	250.000	238.134	4.7	111	0.00
14 T	Allyl chloride	50.000	47.474	5.1	100	0.00
15 T	Acrylonitrile	250.000	224.487	10.2	93	0.00
16 T	Acetone	250.000	236.511	5.4	109	0.00
17 T	Carbon Disulfide	50.000	46.330	7.3	101	0.00
18 T	Methyl Acetate	50.000	44.679	10.6	95	0.00
19 T	Methyl tert-butyl Ether	50.000	46.638	6.7	98	0.00
20 T	Methylene Chloride	50.000	43.765	12.5	102	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.494	7.0	102	0.00
22 T	Diisopropyl ether	50.000	48.254	3.5	102	0.00
23 T	Vinyl Acetate	250.000	252.738	-1.1	98	0.00
24 P	1,1-Dichloroethane	50.000	46.864	6.3	101	0.00
25 T	2-Butanone	250.000	240.081	4.0	97	0.00
26 T	2,2-Dichloropropane	50.000	53.161	-6.3	111	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.171	5.7	100	0.00
28 T	Bromochloromethane	50.000	45.393	9.2	101	0.00
29 T	Tetrahydrofuran	250.000	220.853	11.7	90	0.00
30 C	Chloroform	50.000	46.109	7.8#	101	0.00
31 T	Cyclohexane	50.000	49.488	1.0	103	0.00
32 T	1,1,1-Trichloroethane	50.000	47.557	4.9	102	0.00
33 S	1,2-Dichloroethane-d4	50.000	45.732	8.5	100	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	48.179	3.6	101	0.00
36 T	1,1-Dichloropropene	50.000	49.051	1.9	103	0.00
37 T	Ethyl Acetate	50.000	44.795	10.4	94	0.00
38 T	Carbon Tetrachloride	50.000	47.926	4.1	104	0.00
39 T	Methylcyclohexane	50.000	51.278	-2.6	107	0.00
40 TM	Benzene	50.000	48.495	3.0	100	0.00
41 T	Methacrylonitrile	50.000	47.801	4.4	99	0.00
42 TM	1,2-Dichloroethane	50.000	47.667	4.7	99	0.00
43 T	Isopropyl Acetate	50.000	48.949	2.1	95	0.00
44 TM	Trichloroethene	50.000	50.496	-1.0	104	0.00
45 C	1,2-Dichloropropane	50.000	49.428	1.1#	103	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	48.145	3.7	97	0.00
47 T	Bromodichloromethane	50.000	49.795	0.4	102	0.00
48 T	Methyl methacrylate	50.000	49.653	0.7	98	0.00
49 T	1,4-Dioxane	1000.000	1060.229	-6.0	107	0.00
50 S	Toluene-d8	50.000	49.282	1.4	100	0.00
51 T	4-Methyl-2-Pentanone	250.000	241.763	3.3	93	0.00
52 CM	Toluene	50.000	50.493	-1.0#	102	0.00
53 T	t-1,3-Dichloropropene	50.000	54.716	-9.4	103	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.670	-9.3	105	0.00
55 T	1,1,2-Trichloroethane	50.000	48.531	2.9	100	0.00
56 T	Ethyl methacrylate	50.000	52.118	-4.2	96	0.00
57 T	1,3-Dichloropropane	50.000	49.059	1.9	98	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	210.121	16.0	89	0.00
59 T	2-Hexanone	250.000	244.990	2.0	95	0.00
60 T	Dibromochloromethane	50.000	51.613	-3.2	99	0.00
61 T	1,2-Dibromoethane	50.000	49.901	0.2	99	0.00
62 S	4-Bromofluorobenzene	50.000	51.637	-3.3	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64 T	Tetrachloroethene	50.000	47.681	4.6	104	0.00
65 PM	Chlorobenzene	50.000	49.201	1.6	100	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.904	-1.8	103	0.00
67 C	Ethyl Benzene	50.000	50.940	-1.9#	104	0.00
68 T	m/p-Xylenes	100.000	102.412	-2.4	101	0.00
69 T	o-Xylene	50.000	51.748	-3.5	101	0.00
70 T	Styrene	50.000	53.328	-6.7	100	0.00
71 P	Bromoform	50.000	53.629	-7.3	98	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	45.648	8.7	102	0.00
74 T	N-amyl acetate	50.000	49.216	1.6	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.831	16.3	94	0.00
76 T	1,2,3-Trichloropropane	50.000	43.655	12.7	96	0.00
77 T	Bromobenzene	50.000	44.616	10.8	99	0.00
78 T	n-propylbenzene	50.000	47.598	4.8	103	0.00
79 T	2-Chlorotoluene	50.000	45.768	8.5	101	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.975	6.0	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.119	-2.2	101	0.00
82 T	4-Chlorotoluene	50.000	48.518	3.0	102	0.00
83 T	tert-Butylbenzene	50.000	46.843	6.3	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	48.544	2.9	102	0.00
85 T	sec-Butylbenzene	50.000	47.884	4.2	104	0.00
86 T	p-Isopropyltoluene	50.000	49.652	0.7	105	0.00
87 T	1,3-Dichlorobenzene	50.000	49.698	0.6	102	0.00
88 T	1,4-Dichlorobenzene	50.000	49.914	0.2	101	0.00
89 T	n-Butylbenzene	50.000	56.058	-12.1	109	0.00

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90 T	Hexachloroethane	50.000	49.074	1.9	108	0.00
91 T	1,2-Dichlorobenzene	50.000	47.769	4.5	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.865	8.3	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	51.794	-3.6	109	0.00
94 T	Hexachlorobutadiene	50.000	53.146	-6.3	115	0.00
95 T	Naphthalene	50.000	45.079	9.8	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	60.324	-20.6	108	0.00

(#) = Out of Range

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