

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN030519\
 Data File : VN054091.D
 Acq On : 5 Mar 2019 11:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 06 02:43:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 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	111	0.00
2 T	Dichlorodifluoromethane	50.000	44.296	11.4	100	0.00
3 P	Chloromethane	50.000	43.949	12.1	101	0.00
4 C	Vinyl Chloride	50.000	44.594	10.8#	103	0.00
5 T	Bromomethane	50.000	42.344	15.3	104	0.00
6 T	Chloroethane	50.000	42.788	14.4	102	0.00
7 T	Trichlorofluoromethane	50.000	44.674	10.7	105	0.00
8 T	Diethyl Ether	50.000	45.677	8.6	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.548	6.9	110	0.00
10 T	Methyl Iodide	50.000	47.455	5.1	103	0.00
11 T	Tert butyl alcohol	250.000	226.078	9.6	95	0.00
12 CM	1,1-Dichloroethene	50.000	44.709	10.6#	103	0.00
13 T	Acrolein	250.000	163.953	34.4#	90	0.00
14 T	Allyl chloride	50.000	46.282	7.4	103	0.00
15 T	Acrylonitrile	250.000	240.978	3.6	104	0.00
16 T	Acetone	250.000	284.564	-13.8	116	0.00
17 T	Carbon Disulfide	50.000	41.791	16.4	98	0.00
18 T	Methyl Acetate	50.000	50.393	-0.8	114	0.00
19 T	Methyl tert-butyl Ether	50.000	47.716	4.6	103	0.00
20 T	Methylene Chloride	50.000	44.451	11.1	104	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.881	10.2	102	0.00
22 T	Diisopropyl ether	50.000	48.755	2.5	106	0.00
23 T	Vinyl Acetate	250.000	239.065	4.4	101	0.00
24 P	1,1-Dichloroethane	50.000	45.644	8.7	104	0.00
25 T	2-Butanone	250.000	250.292	-0.1	106	0.00
26 T	2,2-Dichloropropane	50.000	47.913	4.2	108	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.484	7.0	105	0.00
28 T	Bromochloromethane	50.000	50.173	-0.3	109	0.00
29 T	Tetrahydrofuran	250.000	234.909	6.0	100	0.00
30 C	Chloroform	50.000	45.853	8.3#	104	0.00
31 T	Cyclohexane	50.000	46.601	6.8	105	0.00
32 T	1,1,1-Trichloroethane	50.000	45.723	8.6	103	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.663	6.7	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	105	0.00
35 S	Dibromofluoromethane	50.000	50.045	-0.1	108	0.00
36 T	1,1-Dichloropropene	50.000	50.795	-1.6	108	0.00
37 T	Ethyl Acetate	50.000	47.396	5.2	102	0.00
38 T	Carbon Tetrachloride	50.000	45.663	8.7	105	0.00
39 T	Methylcyclohexane	50.000	50.368	-0.7	108	0.00
40 TM	Benzene	50.000	48.727	2.5	104	0.00
41 T	Methacrylonitrile	50.000	41.379	17.2	79	-0.02
42 TM	1,2-Dichloroethane	50.000	49.002	2.0	104	0.00
43 T	Isopropyl Acetate	50.000	47.522	5.0	101	0.00
44 TM	Trichloroethene	50.000	49.264	1.5	105	0.00
45 C	1,2-Dichloropropane	50.000	49.060	1.9#	105	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	48.337	3.3	102	0.00
47 T	Bromodichloromethane	50.000	49.034	1.9	105	0.00
48 T	Methyl methacrylate	50.000	51.406	-2.8	105	0.00
49 T	1,4-Dioxane	1000.000	1003.776	-0.4	95	0.00
50 S	Toluene-d8	50.000	50.655	-1.3	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.190	-4.5	101	0.00
52 CM	Toluene	50.000	50.136	-0.3#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	51.391	-2.8	105	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.886	-1.8	105	0.00
55 T	1,1,2-Trichloroethane	50.000	49.143	1.7	104	0.00
56 T	Ethyl methacrylate	50.000	46.988	6.0	101	0.00
57 T	1,3-Dichloropropane	50.000	50.229	-0.5	105	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	229.625	8.2	101	0.00
59 T	2-Hexanone	250.000	266.402	-6.6	103	0.00
60 T	Dibromochloromethane	50.000	48.694	2.6	102	0.00
61 T	1,2-Dibromoethane	50.000	49.202	1.6	103	0.00
62 S	4-Bromofluorobenzene	50.000	51.086	-2.2	109	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	104	0.00
64 T	Tetrachloroethene	50.000	48.807	2.4	106	0.00
65 PM	Chlorobenzene	50.000	49.092	1.8	105	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	49.138	1.7	104	0.00
67 C	Ethyl Benzene	50.000	50.498	-1.0#	105	0.00
68 T	m/p-Xylenes	100.000	102.382	-2.4	106	0.00
69 T	o-Xylene	50.000	50.207	-0.4	106	0.00
70 T	Styrene	50.000	53.069	-6.1	105	0.00
71 P	Bromoform	50.000	50.038	-0.1	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73 T	Isopropylbenzene	50.000	48.168	3.7	107	0.00
74 T	N-amyl acetate	50.000	50.156	-0.3	101	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.931	8.1	102	0.00
76 T	1,2,3-Trichloropropane	50.000	45.404	9.2	99	0.00
77 T	Bromobenzene	50.000	46.829	6.3	102	0.00
78 T	n-propylbenzene	50.000	50.213	-0.4	108	0.00
79 T	2-Chlorotoluene	50.000	48.349	3.3	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.270	-0.5	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	47.169	5.7	98	0.00
82 T	4-Chlorotoluene	50.000	49.434	1.1	105	0.00
83 T	tert-Butylbenzene	50.000	48.587	2.8	105	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.176	-2.4	107	0.00
85 T	sec-Butylbenzene	50.000	50.144	-0.3	109	0.00
86 T	p-Isopropyltoluene	50.000	51.594	-3.2	109	0.00
87 T	1,3-Dichlorobenzene	50.000	49.271	1.5	106	0.00
88 T	1,4-Dichlorobenzene	50.000	49.894	0.2	106	0.00
89 T	n-Butylbenzene	50.000	54.296	-8.6	111	0.00

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90 T	Hexachloroethane	50.000	46.458	7.1	106	0.00
91 T	1,2-Dichlorobenzene	50.000	49.051	1.9	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.895	4.2	102	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.544	2.9	104	0.00
94 T	Hexachlorobutadiene	50.000	50.463	-0.9	112	0.00
95 T	Naphthalene	50.000	43.978	12.0	94	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.941	4.1	101	0.00

(#) = Out of Range

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