

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN062618\
 Data File : VN049545.D
 Acq On : 26 Jun 2018 11:31
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 01:10:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 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	113	0.00
2 T	Dichlorodifluoromethane	50.000	40.009	20.0	100	0.00
3 P	Chloromethane	50.000	39.696	20.6#	102	0.00
4 C	Vinyl Chloride	50.000	41.377	17.2#	105	0.00
5 T	Bromomethane	50.000	37.950	24.1#	97	0.00
6 T	Chloroethane	50.000	43.504	13.0	107	0.00
7 T	Trichlorofluoromethane	50.000	40.594	18.8	102	0.00
8 T	Diethyl Ether	50.000	46.548	6.9	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.485	7.0	115	0.00
10 T	Methyl Iodide	50.000	47.208	5.6	106	0.00
11 T	Tert butyl alcohol	250.000	221.743	11.3	112	-0.02
12 CM	1,1-Dichloroethene	50.000	46.063	7.9#	114	0.00
13 T	Acrolein	250.000	177.037	29.2#	78	0.00
14 T	Allyl chloride	50.000	40.939	18.1	98	0.00
15 T	Acrylonitrile	250.000	227.353	9.1	108	0.00
16 T	Acetone	250.000	170.460	31.8#	86	0.00
17 T	Carbon Disulfide	50.000	40.740	18.5	104	0.00
18 T	Methyl Acetate	50.000	80.275	-60.6#	203	0.00
19 T	Methyl tert-butyl Ether	50.000	49.807	0.4	116	0.00
20 T	Methylene Chloride	50.000	48.191	3.6	121	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.353	7.3	114	0.00
22 T	Diisopropyl ether	50.000	51.082	-2.2	120	0.00
23 T	Vinyl Acetate	250.000	239.767	4.1	109	0.00
24 P	1,1-Dichloroethane	50.000	47.215	5.6	116	0.00
25 T	2-Butanone	250.000	211.882	15.2	102	0.00
26 T	2,2-Dichloropropane	50.000	48.863	2.3	119	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.766	2.5	117	0.00
28 T	Bromochloromethane	50.000	47.656	4.7	109	0.00
29 T	Tetrahydrofuran	250.000	231.793	7.3	110	0.00
30 C	Chloroform	50.000	47.750	4.5#	117	0.00
31 T	Cyclohexane	50.000	49.595	0.8	116	0.00
32 T	1,1,1-Trichloroethane	50.000	47.942	4.1	117	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.166	7.7	107	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	116	0.00
35 S	Dibromofluoromethane	50.000	44.187	11.6	103	0.00
36 T	1,1-Dichloropropene	50.000	49.474	1.1	117	0.00
37 T	Ethyl Acetate	50.000	48.397	3.2	110	0.00
38 T	Carbon Tetrachloride	50.000	45.840	8.3	111	0.00
39 T	Methylcyclohexane	50.000	52.017	-4.0	123	0.00
40 TM	Benzene	50.000	47.560	4.9	115	0.00
41 T	Methacrylonitrile	50.000	50.569	-1.1	113	0.00
42 TM	1,2-Dichloroethane	50.000	46.979	6.0	115	0.00
43 T	Isopropyl Acetate	50.000	83.180	-66.4#	202	0.00
44 TM	Trichloroethene	50.000	53.015	-6.0	127	0.00
45 C	1,2-Dichloropropane	50.000	48.263	3.5#	117	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	47.073	5.9	114	0.00
47 T	Bromodichloromethane	50.000	47.871	4.3	115	0.00
48 T	Methyl methacrylate	50.000	50.855	-1.7	115	0.00
49 T	1,4-Dioxane	1000.000	897.075	10.3	105	0.00
50 S	Toluene-d8	50.000	46.315	7.4	106	0.00
51 T	4-Methyl-2-Pentanone	250.000	236.937	5.2	111	0.00
52 CM	Toluene	50.000	50.393	-0.8#	116	0.00
53 T	t-1,3-Dichloropropene	50.000	50.353	-0.7	118	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.114	-0.2	117	0.00
55 T	1,1,2-Trichloroethane	50.000	46.524	7.0	114	0.00
56 T	Ethyl methacrylate	50.000	51.186	-2.4	116	0.00
57 T	1,3-Dichloropropane	50.000	47.645	4.7	114	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	373.833	-49.5#	194	0.00
59 T	2-Hexanone	250.000	235.701	5.7	110	0.00
60 T	Dibromochloromethane	50.000	47.291	5.4	112	0.00
61 T	1,2-Dibromoethane	50.000	49.314	1.4	119	0.00
62 S	4-Bromofluorobenzene	50.000	48.881	2.2	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	113	0.00
64 T	Tetrachloroethene	50.000	60.142	-20.3#	145	0.00
65 PM	Chlorobenzene	50.000	49.678	0.6	119	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.706	4.6	115	0.00
67 C	Ethyl Benzene	50.000	52.113	-4.2#	118	0.00
68 T	m/p-Xylenes	100.000	107.173	-7.2	119	0.00
69 T	o-Xylene	50.000	53.464	-6.9	118	0.00
70 T	Styrene	50.000	54.947	-9.9	117	0.00
71 P	Bromoform	50.000	46.310	7.4	108	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	120	0.00
73 T	Isopropylbenzene	50.000	45.480	9.0	117	0.00
74 T	N-amyl acetate	50.000	50.229	-0.5	130	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	43.457	13.1	106	0.00
76 T	1,2,3-Trichloropropane	50.000	41.662	16.7	108	0.00
77 T	Bromobenzene	50.000	43.120	13.8	118	0.00
78 T	n-propylbenzene	50.000	48.503	3.0	119	0.00
79 T	2-Chlorotoluene	50.000	45.058	9.9	119	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.186	1.6	121	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.392	9.2	120	0.00
82 T	4-Chlorotoluene	50.000	48.478	3.0	123	0.00
83 T	tert-Butylbenzene	50.000	46.155	7.7	120	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.831	-1.7	124	0.00
85 T	sec-Butylbenzene	50.000	47.503	5.0	121	0.00
86 T	p-Isopropyltoluene	50.000	50.964	-1.9	126	0.00
87 T	1,3-Dichlorobenzene	50.000	48.755	2.5	127	0.00
88 T	1,4-Dichlorobenzene	50.000	48.205	3.6	126	0.00
89 T	n-Butylbenzene	50.000	56.369	-12.7	136	0.00

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90 T	Hexachloroethane	50.000	28.685	42.6#	71	0.00
91 T	1,2-Dichlorobenzene	50.000	47.357	5.3	122	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	42.127	15.7	114	0.00
93 T	1,2,4-Trichlorobenzene	50.000	60.196	-20.4#	172	0.00
94 T	Hexachlorobutadiene	50.000	51.872	-3.7	124	0.00
95 T	Naphthalene	50.000	68.339	-36.7#	187	0.00
96 T	1,2,3-Trichlorobenzene	50.000	56.520	-13.0	154	0.00

(#) = Out of Range

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