

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092418\
 Data File : VN051446.D
 Acq On : 24 Sep 2018 8:26
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 25 02:06:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 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	88	0.00
2 T	Dichlorodifluoromethane	50.000	45.750	8.5	88	0.00
3 P	Chloromethane	50.000	48.039	3.9	93	0.00
4 C	Vinyl Chloride	50.000	47.610	4.8#	92	0.00
5 T	Bromomethane	50.000	47.172	5.7	87	0.00
6 T	Chloroethane	50.000	47.783	4.4	88	0.00
7 T	Trichlorofluoromethane	50.000	46.845	6.3	85	0.00
8 T	Diethyl Ether	50.000	41.419	17.2	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	43.994	12.0	71	0.00
10 T	Methyl Iodide	50.000	44.408	11.2	70	0.00
11 T	Tert butyl alcohol	250.000	201.852	19.3	66	0.00
12 CM	1,1-Dichloroethene	50.000	41.047	17.9#	68	0.00
13 T	Acrolein	250.000	205.794	17.7	63	0.00
14 T	Allyl chloride	50.000	42.980	14.0	66	0.00
15 T	Acrylonitrile	250.000	217.228	13.1	68	0.00
16 T	Acetone	250.000	231.552	7.4	70	0.00
17 T	Carbon Disulfide	50.000	42.461	15.1	67	0.00
18 T	Methyl Acetate	50.000	44.146	11.7	68	0.00
19 T	Methyl tert-butyl Ether	50.000	44.653	10.7	74	0.00
20 T	Methylene Chloride	50.000	45.215	9.6	70	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.071	9.9	75	0.00
22 T	Diisopropyl ether	50.000	48.248	3.5	88	0.00
23 T	Vinyl Acetate	250.000	231.700	7.3	84	0.00
24 P	1,1-Dichloroethane	50.000	46.833	6.3	87	0.00
25 T	2-Butanone	250.000	228.301	8.7	87	0.00
26 T	2,2-Dichloropropane	50.000	50.373	-0.7	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.322	7.4	85	0.00
28 T	Bromochloromethane	50.000	49.324	1.4	90	0.00
29 T	Tetrahydrofuran	250.000	225.935	9.6	82	0.00
30 C	Chloroform	50.000	48.152	3.7#	89	0.00
31 T	Cyclohexane	50.000	45.937	8.1	86	0.00
32 T	1,1,1-Trichloroethane	50.000	48.419	3.2	89	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.960	4.1	91	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35 S	Dibromofluoromethane	50.000	49.905	0.2	90	0.00
36 T	1,1-Dichloropropene	50.000	50.298	-0.6	89	0.00
37 T	Ethyl Acetate	50.000	47.686	4.6	83	0.00
38 T	Carbon Tetrachloride	50.000	50.382	-0.8	88	0.00
39 T	Methylcyclohexane	50.000	50.624	-1.2	88	0.00
40 TM	Benzene	50.000	50.271	-0.5	87	0.00
41 T	Methacrylonitrile	50.000	37.859	24.3#	69	0.00
42 TM	1,2-Dichloroethane	50.000	50.668	-1.3	90	0.00
43 T	Isopropyl Acetate	50.000	50.295	-0.6	90	0.00
44 TM	Trichloroethene	50.000	48.875	2.3	86	0.00
45 C	1,2-Dichloropropane	50.000	50.357	-0.7#	87	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	50.673	-1.3	89	0.00
47 T	Bromodichloromethane	50.000	51.052	-2.1	89	0.00
48 T	Methyl methacrylate	50.000	48.524	3.0	85	0.00
49 T	1,4-Dioxane	1000.000	930.294	7.0	81	0.00
50 S	Toluene-d8	50.000	49.959	0.1	89	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.154	3.9	85	0.00
52 CM	Toluene	50.000	50.174	-0.3#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	50.099	-0.2	89	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.476	-1.0	88	0.00
55 T	1,1,2-Trichloroethane	50.000	49.808	0.4	87	0.00
56 T	Ethyl methacrylate	50.000	49.157	1.7	84	0.00
57 T	1,3-Dichloropropane	50.000	49.820	0.4	87	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.717	4.5	88	0.00
59 T	2-Hexanone	250.000	250.744	-0.3	88	0.00
60 T	Dibromochloromethane	50.000	50.417	-0.8	88	0.00
61 T	1,2-Dibromoethane	50.000	49.532	0.9	89	0.00
62 S	4-Bromofluorobenzene	50.000	50.334	-0.7	90	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64 T	Tetrachloroethene	50.000	52.551	-5.1	93	0.00
65 PM	Chlorobenzene	50.000	48.614	2.8	88	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.207	-0.4	90	0.00
67 C	Ethyl Benzene	50.000	50.318	-0.6#	88	0.00
68 T	m/p-Xylenes	100.000	102.920	-2.9	89	0.00
69 T	o-Xylene	50.000	49.552	0.9	87	0.00
70 T	Styrene	50.000	51.408	-2.8	89	0.00
71 P	Bromoform	50.000	47.391	5.2	85	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	49.202	1.6	89	0.00
74 T	N-amyl acetate	50.000	46.151	7.7	84	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.740	8.5	85	0.00
76 T	1,2,3-Trichloropropane	50.000	47.005	6.0	84	0.00
77 T	Bromobenzene	50.000	47.412	5.2	88	0.00
78 T	n-propylbenzene	50.000	50.494	-1.0	90	0.00
79 T	2-Chlorotoluene	50.000	49.216	1.6	90	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.065	-2.1	90	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	46.102	7.8	84	0.00
82 T	4-Chlorotoluene	50.000	49.693	0.6	90	0.00
83 T	tert-Butylbenzene	50.000	49.564	0.9	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.156	-2.3	90	0.00
85 T	sec-Butylbenzene	50.000	50.391	-0.8	91	0.00
86 T	p-Isopropyltoluene	50.000	51.112	-2.2	91	0.00
87 T	1,3-Dichlorobenzene	50.000	49.012	2.0	90	0.00
88 T	1,4-Dichlorobenzene	50.000	49.022	2.0	88	0.00
89 T	n-Butylbenzene	50.000	50.884	-1.8	89	0.00

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90 T	Hexachloroethane	50.000	48.185	3.6	90	0.00
91 T	1,2-Dichlorobenzene	50.000	48.199	3.6	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.098	7.8	85	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.115	11.8	83	0.00
94 T	Hexachlorobutadiene	50.000	49.566	0.9	91	0.00
95 T	Naphthalene	50.000	39.496	21.0#	76	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.187	5.6	82	0.00

(#) = Out of Range

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