

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN072618\
 Data File : VN050073.D
 Acq On : 26 Jul 2018 10:53
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 27 01:36:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 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	107	0.00
2 T	Dichlorodifluoromethane	50.000	48.504	3.0	97	0.00
3 P	Chloromethane	50.000	43.097	13.8	95	0.00
4 C	Vinyl Chloride	50.000	43.519	13.0#	96	0.00
5 T	Bromomethane	50.000	48.337	3.3	105	0.00
6 T	Chloroethane	50.000	42.078	15.8	96	0.00
7 T	Trichlorofluoromethane	50.000	43.732	12.5	99	0.00
8 T	Diethyl Ether	50.000	43.663	12.7	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.241	9.5	104	0.00
10 T	Methyl Iodide	50.000	46.805	6.4	98	0.00
11 T	Tert butyl alcohol	250.000	198.277	20.7#	87	-0.01
12 CM	1,1-Dichloroethene	50.000	43.900	12.2#	98	0.00
13 T	Acrolein	250.000	144.974	42.0#	58	0.00
14 T	Allyl chloride	50.000	45.765	8.5	100	0.00
15 T	Acrylonitrile	250.000	210.596	15.8	91	0.00
16 T	Acetone	250.000	251.271	-0.5	107	0.00
17 T	Carbon Disulfide	50.000	42.788	14.4	98	0.00
18 T	Methyl Acetate	50.000	45.064	9.9	97	0.00
19 T	Methyl tert-butyl Ether	50.000	45.968	8.1	96	0.00
20 T	Methylene Chloride	50.000	46.586	6.8	98	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.317	11.4	99	0.00
22 T	Diisopropyl ether	50.000	48.342	3.3	100	0.00
23 T	Vinyl Acetate	250.000	230.057	8.0	95	0.00
24 P	1,1-Dichloroethane	50.000	43.834	12.3	99	0.00
25 T	2-Butanone	250.000	222.575	11.0	96	0.00
26 T	2,2-Dichloropropane	50.000	49.478	1.0	112	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.379	7.2	100	0.00
28 T	Bromochloromethane	50.000	47.040	5.9	103	0.00
29 T	Tetrahydrofuran	250.000	209.381	16.2	88	0.00
30 C	Chloroform	50.000	43.721	12.6#	99	0.00
31 T	Cyclohexane	50.000	46.966	6.1	103	0.00
32 T	1,1,1-Trichloroethane	50.000	44.532	10.9	100	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.171	7.7	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	104	0.00
35 S	Dibromofluoromethane	50.000	50.143	-0.3	103	0.00
36 T	1,1-Dichloropropene	50.000	50.893	-1.8	103	0.00
37 T	Ethyl Acetate	50.000	44.700	10.6	92	0.00
38 T	Carbon Tetrachloride	50.000	47.995	4.0	101	0.00
39 T	Methylcyclohexane	50.000	54.498	-9.0	108	0.00
40 TM	Benzene	50.000	48.850	2.3	99	0.00
41 T	Methacrylonitrile	50.000	45.023	10.0	114	0.00
42 TM	1,2-Dichloroethane	50.000	46.463	7.1	98	0.00
43 T	Isopropyl Acetate	50.000	45.109	9.8	95	0.00
44 TM	Trichloroethene	50.000	48.085	3.8	102	0.00
45 C	1,2-Dichloropropane	50.000	48.556	2.9#	101	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	47.203	5.6	97	0.00
47 T	Bromodichloromethane	50.000	48.173	3.7	101	0.00
48 T	Methyl methacrylate	50.000	48.518	3.0	92	0.00
49 T	1,4-Dioxane	1000.000	936.551	6.3	90	0.00
50 S	Toluene-d8	50.000	52.113	-4.2	105	0.00
51 T	4-Methyl-2-Pentanone	250.000	233.437	6.6	90	0.00
52 CM	Toluene	50.000	51.588	-3.2#	100	0.00
53 T	t-1,3-Dichloropropene	50.000	52.378	-4.8	102	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.969	-3.9	103	0.00
55 T	1,1,2-Trichloroethane	50.000	47.348	5.3	98	0.00
56 T	Ethyl methacrylate	50.000	44.933	10.1	95	0.00
57 T	1,3-Dichloropropane	50.000	48.702	2.6	97	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	233.599	6.6	98	0.00
59 T	2-Hexanone	250.000	223.152	10.7	92	0.00
60 T	Dibromochloromethane	50.000	49.860	0.3	100	0.00
61 T	1,2-Dibromoethane	50.000	47.803	4.4	97	0.00
62 S	4-Bromofluorobenzene	50.000	53.864	-7.7	106	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	105	0.00
64 T	Tetrachloroethene	50.000	47.904	4.2	102	0.00
65 PM	Chlorobenzene	50.000	48.189	3.6	102	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	47.430	5.1	102	0.00
67 C	Ethyl Benzene	50.000	52.375	-4.8#	102	0.00
68 T	m/p-Xylenes	100.000	106.651	-6.7	102	0.00
69 T	o-Xylene	50.000	53.140	-6.3	102	0.00
70 T	Styrene	50.000	48.974	2.1	102	0.00
71 P	Bromoform	50.000	46.998	6.0	97	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	51.241	-2.5	103	0.00
74 T	N-amyl acetate	50.000	46.125	7.8	91	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.900	6.2	94	0.00
76 T	1,2,3-Trichloropropane	50.000	45.308	9.4	98	0.00
77 T	Bromobenzene	50.000	46.690	6.6	100	0.00
78 T	n-propylbenzene	50.000	53.406	-6.8	104	0.00
79 T	2-Chlorotoluene	50.000	50.263	-0.5	102	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.846	-7.7	103	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.935	2.1	97	0.00
82 T	4-Chlorotoluene	50.000	51.205	-2.4	101	0.00
83 T	tert-Butylbenzene	50.000	52.883	-5.8	104	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.866	-9.7	103	0.00
85 T	sec-Butylbenzene	50.000	53.746	-7.5	104	0.00
86 T	p-Isopropyltoluene	50.000	55.710	-11.4	105	0.00
87 T	1,3-Dichlorobenzene	50.000	48.926	2.1	101	0.00
88 T	1,4-Dichlorobenzene	50.000	49.047	1.9	101	0.00
89 T	n-Butylbenzene	50.000	56.535	-13.1	107	0.00

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90 T	Hexachloroethane	50.000	46.842	6.3	105	0.00
91 T	1,2-Dichlorobenzene	50.000	47.775	4.5	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.660	12.7	90	0.00
93 T	1,2,4-Trichlorobenzene	50.000	47.794	4.4	102	0.00
94 T	Hexachlorobutadiene	50.000	50.250	-0.5	109	0.00
95 T	Naphthalene	50.000	42.642	14.7	93	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.317	5.4	100	0.00

(#) = Out of Range

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