

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121018\
 Data File : VN052789.D
 Acq On : 11 Dec 2018 8:31
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 11 11:01:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 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	91	0.00
2 T	Dichlorodifluoromethane	50.000	39.582	20.8	74	0.00
3 P	Chloromethane	50.000	39.902	20.2	73	0.00
4 C	Vinyl Chloride	50.000	41.153	17.7#	76	0.00
5 T	Bromomethane	50.000	36.603	26.8#	74	0.00
6 T	Chloroethane	50.000	42.718	14.6	80	0.00
7 T	Trichlorofluoromethane	50.000	44.842	10.3	83	0.00
8 T	Diethyl Ether	50.000	48.738	2.5	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.172	7.7	86	0.00
10 T	Methyl Iodide	50.000	44.892	10.2	79	0.00
11 T	Tert butyl alcohol	250.000	273.990	-9.6	100	0.00
12 CM	1,1-Dichloroethene	50.000	45.147	9.7#	83	0.00
13 T	Acrolein	250.000	117.752	52.9#	44	0.00
14 T	Allyl chloride	50.000	40.610	18.8	71	0.00
15 T	Acrylonitrile	250.000	251.185	-0.5	89	0.00
16 T	Acetone	250.000	202.264	19.1	74	0.00
17 T	Carbon Disulfide	50.000	36.908	26.2#	69	0.00
18 T	Methyl Acetate	50.000	54.516	-9.0	101	0.00
19 T	Methyl tert-butyl Ether	50.000	51.199	-2.4	93	0.00
20 T	Methylene Chloride	50.000	45.291	9.4	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	45.703	8.6	82	0.00
22 T	Diisopropyl ether	50.000	47.706	4.6	86	0.00
23 T	Vinyl Acetate	250.000	221.985	11.2	79	0.00
24 P	1,1-Dichloroethane	50.000	47.346	5.3	86	0.00
25 T	2-Butanone	250.000	233.808	6.5	84	0.00
26 T	2,2-Dichloropropane	50.000	34.711	30.6#	63	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.283	5.4	87	0.00
28 T	Bromochloromethane	50.000	49.466	1.1	90	0.00
29 T	Tetrahydrofuran	250.000	244.458	2.2	88	0.00
30 C	Chloroform	50.000	47.329	5.3#	89	0.00
31 T	Cyclohexane	50.000	42.015	16.0	77	0.00
32 T	1,1,1-Trichloroethane	50.000	49.091	1.8	90	0.00
33 S	1,2-Dichloroethane-d4	50.000	52.641	-5.3	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35 S	Dibromofluoromethane	50.000	45.964	8.1	82	0.00
36 T	1,1-Dichloropropene	50.000	45.738	8.5	83	0.00
37 T	Ethyl Acetate	50.000	47.815	4.4	88	0.00
38 T	Carbon Tetrachloride	50.000	47.738	4.5	87	0.00
39 T	Methylcyclohexane	50.000	43.333	13.3	78	0.00
40 TM	Benzene	50.000	47.196	5.6	85	0.00
41 T	Methacrylonitrile	50.000	52.217	-4.4	90	0.00
42 TM	1,2-Dichloroethane	50.000	48.458	3.1	87	0.00
43 T	Isopropyl Acetate	50.000	55.258	-10.5	100	0.00
44 TM	Trichloroethene	50.000	49.668	0.7	90	0.00
45 C	1,2-Dichloropropane	50.000	48.519	3.0#	88	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	49.470	1.1	89	0.00
47 T	Bromodichloromethane	50.000	49.745	0.5	90	0.00
48 T	Methyl methacrylate	50.000	50.572	-1.1	91	0.00
49 T	1,4-Dioxane	1000.000	1072.903	-7.3	90	0.00
50 S	Toluene-d8	50.000	52.544	-5.1	93	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.557	-3.8	91	0.00
52 CM	Toluene	50.000	48.890	2.2#	86	0.00
53 T	t-1,3-Dichloropropene	50.000	48.999	2.0	86	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.826	4.3	84	0.00
55 T	1,1,2-Trichloroethane	50.000	51.567	-3.1	93	0.00
56 T	Ethyl methacrylate	50.000	49.226	1.5	96	0.00
57 T	1,3-Dichloropropane	50.000	49.865	0.3	90	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.674	-6.3	94	0.00
59 T	2-Hexanone	250.000	260.885	-4.4	90	0.00
60 T	Dibromochloromethane	50.000	52.594	-5.2	93	0.00
61 T	1,2-Dibromoethane	50.000	50.635	-1.3	91	0.00
62 S	4-Bromofluorobenzene	50.000	55.616	-11.2	98	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64 T	Tetrachloroethene	50.000	56.493	-13.0	105	0.00
65 PM	Chlorobenzene	50.000	49.295	1.4	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.383	-2.8	92	0.00
67 C	Ethyl Benzene	50.000	49.079	1.8#	88	0.00
68 T	m/p-Xylenes	100.000	99.142	0.9	88	0.00
69 T	o-Xylene	50.000	50.270	-0.5	89	0.00
70 T	Styrene	50.000	52.480	-5.0	91	0.00
71 P	Bromoform	50.000	53.364	-6.7	94	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73 T	Isopropylbenzene	50.000	45.984	8.0	89	0.00
74 T	N-amyl acetate	50.000	52.255	-4.5	98	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	45.079	9.8	89	0.00
76 T	1,2,3-Trichloropropane	50.000	42.790	14.4	87	0.00
77 T	Bromobenzene	50.000	47.675	4.7	93	0.00
78 T	n-propylbenzene	50.000	46.226	7.5	88	0.00
79 T	2-Chlorotoluene	50.000	45.569	8.9	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.702	6.6	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.274	11.5	83	0.00
82 T	4-Chlorotoluene	50.000	46.803	6.4	90	0.00
83 T	tert-Butylbenzene	50.000	46.496	7.0	91	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.579	4.8	90	0.00
85 T	sec-Butylbenzene	50.000	46.166	7.7	89	0.00
86 T	p-Isopropyltoluene	50.000	47.109	5.8	90	0.00
87 T	1,3-Dichlorobenzene	50.000	48.416	3.2	94	0.00
88 T	1,4-Dichlorobenzene	50.000	48.435	3.1	94	0.00
89 T	n-Butylbenzene	50.000	48.018	4.0	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	45.980	8.0	89	0.00
91 T	1,2-Dichlorobenzene	50.000	48.921	2.2	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	49.885	0.2	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.706	0.6	101	0.00
94 T	Hexachlorobutadiene	50.000	45.222	9.6	92	0.00
95 T	Naphthalene	50.000	49.810	0.4	102	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.873	0.3	102	0.00

(#) = Out of Range

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