

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091518\
 Data File : VN051239.D
 Acq On : 15 Sep 2018 22:28
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 17 08:42:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 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	83	0.00
2 T	Dichlorodifluoromethane	50.000	47.319	5.4	84	0.00
3 P	Chloromethane	50.000	47.627	4.7	80	0.00
4 C	Vinyl Chloride	50.000	45.994	8.0#	81	0.00
5 T	Bromomethane	50.000	43.226	13.5	73	0.00
6 T	Chloroethane	50.000	44.137	11.7	79	0.00
7 T	Trichlorofluoromethane	50.000	46.355	7.3	81	0.00
8 T	Diethyl Ether	50.000	42.503	15.0	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.370	11.3	78	0.00
10 T	Methyl Iodide	50.000	44.779	10.4	80	0.00
11 T	Tert butyl alcohol	250.000	154.948	38.0#	58	0.00
12 CM	1,1-Dichloroethene	50.000	44.408	11.2#	77	0.00
13 T	Acrolein	250.000	231.200	7.5	83	0.00
14 T	Allyl chloride	50.000	41.362	17.3	69	0.00
15 T	Acrylonitrile	250.000	201.531	19.4	69	0.00
16 T	Acetone	250.000	179.100	28.4#	62	0.00
17 T	Carbon Disulfide	50.000	46.110	7.8	78	0.00
18 T	Methyl Acetate	50.000	39.141	21.7#	72	0.00
19 T	Methyl tert-butyl Ether	50.000	42.292	15.4	70	0.00
20 T	Methylene Chloride	50.000	43.925	12.2	78	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.220	11.6	77	0.00
22 T	Diisopropyl ether	50.000	46.346	7.3	75	0.00
23 T	Vinyl Acetate	250.000	218.856	12.5	71	0.00
24 P	1,1-Dichloroethane	50.000	45.024	10.0	77	0.00
25 T	2-Butanone	250.000	177.471	29.0#	62	0.00
26 T	2,2-Dichloropropane	50.000	33.223	33.6#	57	0.00
27 T	cis-1,2-Dichloroethene	50.000	43.919	12.2	75	0.00
28 T	Bromochloromethane	50.000	41.999	16.0	70	0.00
29 T	Tetrahydrofuran	250.000	196.626	21.3#	66	0.00
30 C	Chloroform	50.000	45.969	8.1#	78	0.00
31 T	Cyclohexane	50.000	44.730	10.5	75	0.00
32 T	1,1,1-Trichloroethane	50.000	46.152	7.7	79	0.00
33 S	1,2-Dichloroethane-d4	50.000	42.095	15.8	71	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35 S	Dibromofluoromethane	50.000	44.918	10.2	73	0.00
36 T	1,1-Dichloropropene	50.000	47.049	5.9	77	0.00
37 T	Ethyl Acetate	50.000	41.337	17.3	67	0.00
38 T	Carbon Tetrachloride	50.000	48.658	2.7	81	0.00
39 T	Methylcyclohexane	50.000	46.582	6.8	74	0.00
40 TM	Benzene	50.000	47.508	5.0	78	0.00
41 T	Methacrylonitrile	50.000	113.848	-127.7#	194	0.04
42 TM	1,2-Dichloroethane	50.000	46.863	6.3	78	0.00
43 T	Isopropyl Acetate	50.000	44.122	11.8	72	0.00
44 TM	Trichloroethene	50.000	46.323	7.4	77	0.00
45 C	1,2-Dichloropropane	50.000	47.456	5.1#	78	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	45.259	9.5	77	0.00
47 T	Bromodichloromethane	50.000	48.450	3.1	79	0.00
48 T	Methyl methacrylate	50.000	42.609	14.8	68	0.00
49 T	1,4-Dioxane	1000.000	754.629	24.5#	63	0.00
50 S	Toluene-d8	50.000	43.722	12.6	70	0.00
51 T	4-Methyl-2-Pentanone	250.000	206.452	17.4	67	0.00
52 CM	Toluene	50.000	48.321	3.4#	77	0.00
53 T	t-1,3-Dichloropropene	50.000	44.640	10.7	71	0.00
54 T	cis-1,3-Dichloropropene	50.000	46.063	7.9	73	0.00
55 T	1,1,2-Trichloroethane	50.000	46.123	7.8	75	0.00
56 T	Ethyl methacrylate	50.000	40.949	18.1	70	0.00
57 T	1,3-Dichloropropane	50.000	46.197	7.6	75	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	191.224	23.5#	64	0.00
59 T	2-Hexanone	250.000	192.482	23.0#	63	0.00
60 T	Dibromochloromethane	50.000	48.081	3.8	78	0.00
61 T	1,2-Dibromoethane	50.000	46.027	7.9	75	0.00
62 S	4-Bromofluorobenzene	50.000	42.709	14.6	69	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64 T	Tetrachloroethene	50.000	47.943	4.1	81	0.00
65 PM	Chlorobenzene	50.000	46.548	6.9	77	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.456	3.1	79	0.00
67 C	Ethyl Benzene	50.000	48.237	3.5#	76	0.00
68 T	m/p-Xylenes	100.000	99.023	1.0	76	0.00
69 T	o-Xylene	50.000	48.676	2.6	75	0.00
70 T	Styrene	50.000	51.229	-2.5	76	0.00
71 P	Bromoform	50.000	45.999	8.0	74	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	45.951	8.1	76	0.00
74 T	N-amyl acetate	50.000	38.924	22.2#	64	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	44.687	10.6	71	0.00
76 T	1,2,3-Trichloropropane	50.000	64.300	-28.6#	105	0.00
77 T	Bromobenzene	50.000	44.265	11.5	76	0.00
78 T	n-propylbenzene	50.000	46.174	7.7	75	0.00
79 T	2-Chlorotoluene	50.000	44.456	11.1	75	0.00
80 T	1,3,5-Trimethylbenzene	50.000	47.238	5.5	76	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	36.782	26.4#	60	0.00
82 T	4-Chlorotoluene	50.000	44.474	11.1	74	0.00
83 T	tert-Butylbenzene	50.000	46.410	7.2	76	0.00
84 T	1,2,4-Trimethylbenzene	50.000	47.822	4.4	75	0.00
85 T	sec-Butylbenzene	50.000	45.843	8.3	74	0.00
86 T	p-Isopropyltoluene	50.000	48.013	4.0	74	0.00
87 T	1,3-Dichlorobenzene	50.000	43.695	12.6	74	0.00
88 T	1,4-Dichlorobenzene	50.000	46.364	7.3	74	0.00
89 T	n-Butylbenzene	50.000	44.911	10.2	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.275	3.5	78	0.00
91 T	1,2-Dichlorobenzene	50.000	43.612	12.8	74	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	39.182	21.6#	65	0.00
93 T	1,2,4-Trichlorobenzene	50.000	37.759	24.5#	63	0.00
94 T	Hexachlorobutadiene	50.000	48.424	3.2	74	0.00
95 T	Naphthalene	50.000	32.306	35.4#	56	0.00
96 T	1,2,3-Trichlorobenzene	50.000	37.843	24.3#	63	0.00

(#) = Out of Range

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