

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN120518\
 Data File : VN052665.D
 Acq On : 5 Dec 2018 9:59
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 06 04:41:39 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	96	0.00
2 T	Dichlorodifluoromethane	50.000	43.716	12.6	87	0.00
3 P	Chloromethane	50.000	42.016	16.0	81	0.00
4 C	Vinyl Chloride	50.000	43.374	13.3#	85	0.00
5 T	Bromomethane	50.000	42.801	14.4	91	0.00
6 T	Chloroethane	50.000	43.029	13.9	85	0.00
7 T	Trichlorofluoromethane	50.000	46.352	7.3	91	0.00
8 T	Diethyl Ether	50.000	48.443	3.1	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.445	3.1	95	0.00
10 T	Methyl Iodide	50.000	52.258	-4.5	97	0.00
11 T	Tert butyl alcohol	250.000	238.128	4.7	92	0.00
12 CM	1,1-Dichloroethene	50.000	46.575	6.8#	90	0.00
13 T	Acrolein	250.000	303.197	-21.3	120	0.00
14 T	Allyl chloride	50.000	47.579	4.8	88	0.00
15 T	Acrylonitrile	250.000	244.713	2.1	92	0.00
16 T	Acetone	250.000	267.306	-6.9	103	0.00
17 T	Carbon Disulfide	50.000	41.272	17.5	81	0.00
18 T	Methyl Acetate	50.000	52.465	-4.9	102	0.00
19 T	Methyl tert-butyl Ether	50.000	49.897	0.2	96	0.00
20 T	Methylene Chloride	50.000	44.641	10.7	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.510	7.0	88	0.00
22 T	Diisopropyl ether	50.000	47.685	4.6	91	0.00
23 T	Vinyl Acetate	250.000	244.487	2.2	92	0.00
24 P	1,1-Dichloroethane	50.000	47.394	5.2	91	0.00
25 T	2-Butanone	250.000	257.915	-3.2	97	0.00
26 T	2,2-Dichloropropane	50.000	51.241	-2.5	98	0.00
27 T	cis-1,2-Dichloroethene	50.000	47.551	4.9	92	0.00
28 T	Bromochloromethane	50.000	47.903	4.2	91	0.00
29 T	Tetrahydrofuran	250.000	241.240	3.5	92	0.00
30 C	Chloroform	50.000	46.838	6.3#	93	0.00
31 T	Cyclohexane	50.000	44.833	10.3	87	0.00
32 T	1,1,1-Trichloroethane	50.000	48.858	2.3	94	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.164	5.7	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	49.872	0.3	91	0.00
36 T	1,1-Dichloropropene	50.000	48.372	3.3	90	0.00
37 T	Ethyl Acetate	50.000	49.520	1.0	93	0.00
38 T	Carbon Tetrachloride	50.000	50.849	-1.7	94	0.00
39 T	Methylcyclohexane	50.000	48.777	2.4	90	0.00
40 TM	Benzene	50.000	48.886	2.2	90	0.00
41 T	Methacrylonitrile	50.000	50.706	-1.4	89	0.00
42 TM	1,2-Dichloroethane	50.000	49.819	0.4	92	0.00
43 T	Isopropyl Acetate	50.000	51.820	-3.6	96	0.00
44 TM	Trichloroethene	50.000	49.915	0.2	93	0.00
45 C	1,2-Dichloropropane	50.000	49.523	1.0#	92	0.00

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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)
46 T	Dibromomethane	50.000	51.111	-2.2	94	0.00
47 T	Bromodichloromethane	50.000	51.065	-2.1	95	0.00
48 T	Methyl methacrylate	50.000	50.526	-1.1	93	0.00
49 T	1,4-Dioxane	1000.000	963.566	3.6	83	0.00
50 S	Toluene-d8	50.000	48.933	2.1	88	0.00
51 T	4-Methyl-2-Pentanone	250.000	261.457	-4.6	94	0.00
52 CM	Toluene	50.000	50.638	-1.3#	92	0.00
53 T	t-1,3-Dichloropropene	50.000	53.470	-6.9	96	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.674	-5.3	95	0.00
55 T	1,1,2-Trichloroethane	50.000	51.746	-3.5	95	0.00
56 T	Ethyl methacrylate	50.000	48.444	3.1	96	0.00
57 T	1,3-Dichloropropane	50.000	50.778	-1.6	94	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	267.848	-7.1	97	0.00
59 T	2-Hexanone	250.000	279.059	-11.6	99	0.00
60 T	Dibromochloromethane	50.000	53.867	-7.7	98	0.00
61 T	1,2-Dibromoethane	50.000	51.357	-2.7	95	0.00
62 S	4-Bromofluorobenzene	50.000	51.074	-2.1	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64 T	Tetrachloroethene	50.000	50.358	-0.7	95	0.00
65 PM	Chlorobenzene	50.000	50.392	-0.8	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.106	-4.2	96	0.00
67 C	Ethyl Benzene	50.000	51.113	-2.2#	93	0.00
68 T	m/p-Xylenes	100.000	103.269	-3.3	93	0.00
69 T	o-Xylene	50.000	51.541	-3.1	93	0.00
70 T	Styrene	50.000	53.635	-7.3	94	0.00
71 P	Bromoform	50.000	55.114	-10.2	99	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	47.978	4.0	94	0.00
74 T	N-amyl acetate	50.000	50.654	-1.3	96	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	47.825	4.3	96	0.00
76 T	1,2,3-Trichloropropane	50.000	46.272	7.5	94	0.00
77 T	Bromobenzene	50.000	48.092	3.8	95	0.00
78 T	n-propylbenzene	50.000	48.997	2.0	94	0.00
79 T	2-Chlorotoluene	50.000	47.727	4.5	94	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.136	1.7	95	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	53.137	-6.3	100	0.00
82 T	4-Chlorotoluene	50.000	47.873	4.3	93	0.00
83 T	tert-Butylbenzene	50.000	49.283	1.4	98	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.697	0.6	95	0.00
85 T	sec-Butylbenzene	50.000	49.250	1.5	96	0.00
86 T	p-Isopropyltoluene	50.000	49.924	0.2	96	0.00
87 T	1,3-Dichlorobenzene	50.000	49.397	1.2	97	0.00
88 T	1,4-Dichlorobenzene	50.000	49.207	1.6	96	0.00
89 T	n-Butylbenzene	50.000	51.913	-3.8	96	0.00

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90 T	Hexachloroethane	50.000	50.413	-0.8	99	0.00
91 T	1,2-Dichlorobenzene	50.000	49.837	0.3	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.190	-0.4	96	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.826	2.3	100	0.00
94 T	Hexachlorobutadiene	50.000	50.596	-1.2	104	0.00
95 T	Naphthalene	50.000	47.588	4.8	98	0.00
96 T	1,2,3-Trichlorobenzene	50.000	48.633	2.7	100	0.00

(#) = Out of Range

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