

Data File : VN049659.D
 Acq On : 30 Jun 2018 20:27
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 02 02:21:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 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	99	0.00
2 T	Dichlorodifluoromethane	50.000	45.850	8.3	91	0.00
3 P	Chloromethane	50.000	43.697	12.6	93	0.00
4 C	Vinyl Chloride	50.000	44.825	10.3#	93	0.00
5 T	Bromomethane	50.000	42.887	14.2	97	0.00
6 T	Chloroethane	50.000	44.464	11.1	95	0.00
7 T	Trichlorofluoromethane	50.000	45.331	9.3	101	0.00
8 T	Diethyl Ether	50.000	46.725	6.5	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	44.178	11.6	95	0.00
10 T	Methyl Iodide	50.000	47.500	5.0	100	0.00
11 T	Tert butyl alcohol	250.000	265.393	-6.2	112	0.00
12 CM	1,1-Dichloroethene	50.000	43.443	13.1#	95	0.00
13 T	Acrolein	250.000	221.895	11.2	85	0.00
14 T	Allyl chloride	50.000	45.283	9.4	104	0.00
15 T	Acrylonitrile	250.000	248.943	0.4	105	0.00
16 T	Acetone	250.000	264.993	-6.0	110	0.00
17 T	Carbon Disulfide	50.000	42.764	14.5	89	0.00
18 T	Methyl Acetate	50.000	48.006	4.0	98	0.00
19 T	Methyl tert-butyl Ether	50.000	49.192	1.6	102	0.00
20 T	Methylene Chloride	50.000	44.036	11.9	99	0.00
21 T	trans-1,2-Dichloroethene	50.000	44.998	10.0	95	0.00
22 T	Diisopropyl ether	50.000	48.411	3.2	99	0.00
23 T	Vinyl Acetate	250.000	247.279	1.1	98	0.00
24 P	1,1-Dichloroethane	50.000	45.824	8.4	98	0.00
25 T	2-Butanone	250.000	244.379	2.2	103	0.00
26 T	2,2-Dichloropropane	50.000	39.861	20.3#	86	0.00
27 T	cis-1,2-Dichloroethene	50.000	46.483	7.0	97	0.00
28 T	Bromochloromethane	50.000	49.328	1.3	100	0.00
29 T	Tetrahydrofuran	250.000	260.084	-4.0	106	0.00
30 C	Chloroform	50.000	45.820	8.4#	98	0.00
31 T	Cyclohexane	50.000	44.626	10.7	93	0.00
32 T	1,1,1-Trichloroethane	50.000	46.390	7.2	98	0.00
33 S	1,2-Dichloroethane-d4	50.000	46.137	7.7	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35 S	Dibromofluoromethane	50.000	47.065	5.9	96	0.00
36 T	1,1-Dichloropropene	50.000	46.591	6.8	95	0.00
37 T	Ethyl Acetate	50.000	52.350	-4.7	106	0.00
38 T	Carbon Tetrachloride	50.000	46.133	7.7	98	0.00
39 T	Methylcyclohexane	50.000	45.236	9.5	94	0.00
40 TM	Benzene	50.000	46.658	6.7	98	0.00
41 T	Methacrylonitrile	50.000	49.346	1.3	102	0.00
42 TM	1,2-Dichloroethane	50.000	47.035	5.9	101	0.00
43 T	Isopropyl Acetate	50.000	49.129	1.7	103	0.00
44 TM	Trichloroethene	50.000	44.197	11.6	95	0.00
45 C	1,2-Dichloropropane	50.000	48.015	4.0#	99	0.00

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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)
46 T	Dibromomethane	50.000	47.926	4.1	101	0.00
47 T	Bromodichloromethane	50.000	47.641	4.7	99	0.00
48 T	Methyl methacrylate	50.000	52.237	-4.5	104	0.00
49 T	1,4-Dioxane	1000.000	1043.386	-4.3	103	0.00
50 S	Toluene-d8	50.000	46.671	6.7	94	0.00
51 T	4-Methyl-2-Pentanone	250.000	260.634	-4.3	107	0.00
52 CM	Toluene	50.000	47.622	4.8#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	47.863	4.3	98	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.825	4.3	96	0.00
55 T	1,1,2-Trichloroethane	50.000	47.897	4.2	102	0.00
56 T	Ethyl methacrylate	50.000	52.884	-5.8	104	0.00
57 T	1,3-Dichloropropane	50.000	49.087	1.8	101	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	238.220	4.7	105	0.00
59 T	2-Hexanone	250.000	259.406	-3.8	105	0.00
60 T	Dibromochloromethane	50.000	49.650	0.7	101	0.00
61 T	1,2-Dibromoethane	50.000	48.411	3.2	100	0.00
62 S	4-Bromofluorobenzene	50.000	48.271	3.5	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	43.279	13.4	95	0.00
65 PM	Chlorobenzene	50.000	45.106	9.8	98	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	46.667	6.7	100	0.00
67 C	Ethyl Benzene	50.000	46.943	6.1#	97	0.00
68 T	m/p-Xylenes	100.000	95.773	4.2	97	0.00
69 T	o-Xylene	50.000	48.464	3.1	99	0.00
70 T	Styrene	50.000	49.667	0.7	99	0.00
71 P	Bromoform	50.000	49.136	1.7	104	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
73 T	Isopropylbenzene	50.000	45.145	9.7	98	0.00
74 T	N-amyl acetate	50.000	48.263	3.5	106	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.575	-1.2	107	0.00
76 T	1,2,3-Trichloropropane	50.000	47.732	4.5	103	0.00
77 T	Bromobenzene	50.000	42.613	14.8	99	0.00
78 T	n-propylbenzene	50.000	46.099	7.8	98	0.00
79 T	2-Chlorotoluene	50.000	43.633	12.7	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	46.666	6.7	99	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	44.891	10.2	98	0.00
82 T	4-Chlorotoluene	50.000	43.935	12.1	97	0.00
83 T	tert-Butylbenzene	50.000	46.137	7.7	101	0.00
84 T	1,2,4-Trimethylbenzene	50.000	46.637	6.7	98	0.00
85 T	sec-Butylbenzene	50.000	46.200	7.6	99	0.00
86 T	p-Isopropyltoluene	50.000	47.402	5.2	98	0.00
87 T	1,3-Dichlorobenzene	50.000	45.749	8.5	98	0.00
88 T	1,4-Dichlorobenzene	50.000	45.755	8.5	99	0.00
89 T	n-Butylbenzene	50.000	44.917	10.2	96	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN063018\
Evaluate Continuing Calibration Report

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	47.990	4.0	107	0.00
91 T	1,2-Dichlorobenzene	50.000	47.009	6.0	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.307	3.4	101	0.00
93 T	1,2,4-Trichlorobenzene	50.000	42.222	15.6	93	0.00
94 T	Hexachlorobutadiene	50.000	46.655	6.7	98	0.00
95 T	Naphthalene	50.000	41.867	16.3	97	0.00
96 T	1,2,3-Trichlorobenzene	50.000	43.630	12.7	96	0.00

(#) = Out of Range

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