

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052889.D
 Acq On : 14 Dec 2018 15:21
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 15 03:21:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 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	120	0.00
2 T	Dichlorodifluoromethane	50.000	49.544	0.9	119	0.00
3 P	Chloromethane	50.000	46.736	6.5	113	0.00
4 C	Vinyl Chloride	50.000	48.457	3.1#	116	0.00
5 T	Bromomethane	50.000	46.856	6.3	119	0.00
6 T	Chloroethane	50.000	48.412	3.2	118	0.00
7 T	Trichlorofluoromethane	50.000	49.573	0.9	119	0.00
8 T	Diethyl Ether	50.000	48.226	3.5	114	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.007	-2.0	124	0.00
10 T	Methyl Iodide	50.000	49.667	0.7	117	0.00
11 T	Tert butyl alcohol	250.000	211.403	15.4	108	0.00
12 CM	1,1-Dichloroethene	50.000	48.662	2.7#	116	0.00
13 T	Acrolein	250.000	79.335	68.3#	38	0.00
14 T	Allyl chloride	50.000	49.155	1.7	120	0.00
15 T	Acrylonitrile	250.000	225.633	9.7	106	0.00
16 T	Acetone	250.000	205.743	17.7	102	0.00
17 T	Carbon Disulfide	50.000	46.780	6.4	114	0.00
18 T	Methyl Acetate	50.000	46.019	8.0	113	0.00
19 T	Methyl tert-butyl Ether	50.000	47.440	5.1	113	0.00
20 T	Methylene Chloride	50.000	46.876	6.2	116	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.919	4.2	117	0.00
22 T	Diisopropyl ether	50.000	48.004	4.0	114	0.00
23 T	Vinyl Acetate	250.000	224.124	10.4	106	0.00
24 P	1,1-Dichloroethane	50.000	48.116	3.8	116	0.00
25 T	2-Butanone	250.000	214.115	14.4	105	0.00
26 T	2,2-Dichloropropane	50.000	50.575	-1.2	121	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.322	3.4	116	0.00
28 T	Bromochloromethane	50.000	49.383	1.2	117	0.00
29 T	Tetrahydrofuran	250.000	219.875	12.0	106	0.00
30 C	Chloroform	50.000	48.838	2.3#	118	0.00
31 T	Cyclohexane	50.000	48.445	3.1	119	0.00
32 T	1,1,1-Trichloroethane	50.000	49.052	1.9	118	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.043	1.9	121	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	117	0.00
35 S	Dibromofluoromethane	50.000	40.643	18.7	100	0.00
36 T	1,1-Dichloropropene	50.000	51.076	-2.2	119	0.00
37 T	Ethyl Acetate	50.000	45.623	8.8	104	0.00
38 T	Carbon Tetrachloride	50.000	49.876	0.2	116	0.00
39 T	Methylcyclohexane	50.000	52.227	-4.5	123	0.00
40 TM	Benzene	50.000	49.973	0.1	116	0.00
41 T	Methacrylonitrile	50.000	50.530	-1.1	122	0.00
42 TM	1,2-Dichloroethane	50.000	49.040	1.9	114	0.00
43 T	Isopropyl Acetate	50.000	42.479	15.0	108	0.00
44 TM	Trichloroethene	50.000	54.792	-9.6	130	0.00
45 C	1,2-Dichloropropane	50.000	50.235	-0.5#	116	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	49.016	2.0	115	0.00
47 T	Bromodichloromethane	50.000	50.447	-0.9	115	0.00
48 T	Methyl methacrylate	50.000	49.158	1.7	111	0.00
49 T	1,4-Dioxane	1000.000	953.340	4.7	112	0.00
50 S	Toluene-d8	50.000	53.159	-6.3	126	0.00
51 T	4-Methyl-2-Pentanone	250.000	235.793	5.7	107	0.00
52 CM	Toluene	50.000	51.412	-2.8#	118	0.00
53 T	t-1,3-Dichloropropene	50.000	51.951	-3.9	116	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.382	-2.8	117	0.00
55 T	1,1,2-Trichloroethane	50.000	49.132	1.7	115	0.00
56 T	Ethyl methacrylate	50.000	50.460	-0.9	113	0.00
57 T	1,3-Dichloropropane	50.000	49.609	0.8	115	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	246.652	1.3	110	0.00
59 T	2-Hexanone	250.000	232.189	7.1	105	0.00
60 T	Dibromochloromethane	50.000	50.148	-0.3	114	0.00
61 T	1,2-Dibromoethane	50.000	49.829	0.3	114	0.00
62 S	4-Bromofluorobenzene	50.000	54.053	-8.1	127	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64 T	Tetrachloroethene	50.000	65.964	-31.9#	155	0.00
65 PM	Chlorobenzene	50.000	51.030	-2.1	121	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.612	-1.2	118	0.00
67 C	Ethyl Benzene	50.000	51.783	-3.6#	119	0.00
68 T	m/p-Xylenes	100.000	104.626	-4.6	120	0.00
69 T	o-Xylene	50.000	52.145	-4.3	120	0.00
70 T	Styrene	50.000	53.124	-6.2	120	0.00
71 P	Bromoform	50.000	48.364	3.3	109	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	115	0.00
73 T	Isopropylbenzene	50.000	52.723	-5.4	121	0.00
74 T	N-amyl acetate	50.000	51.050	-2.1	114	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	37.547	24.9	89	0.00
76 T	1,2,3-Trichloropropane	50.000	47.448	5.1	111	0.00
77 T	Bromobenzene	50.000	51.893	-3.8	121	0.00
78 T	n-propylbenzene	50.000	53.046	-6.1	120	0.00
79 T	2-Chlorotoluene	50.000	51.335	-2.7	119	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.251	-4.5	119	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.807	-3.6	116	0.00
82 T	4-Chlorotoluene	50.000	52.006	-4.0	120	0.00
83 T	tert-Butylbenzene	50.000	51.991	-4.0	119	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.169	-4.3	119	0.00
85 T	sec-Butylbenzene	50.000	52.758	-5.5	121	0.00
86 T	p-Isopropyltoluene	50.000	52.929	-5.9	120	0.00
87 T	1,3-Dichlorobenzene	50.000	50.952	-1.9	118	0.00
88 T	1,4-Dichlorobenzene	50.000	50.782	-1.6	118	0.00
89 T	n-Butylbenzene	50.000	54.302	-8.6	122	0.00

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90 T	Hexachloroethane	50.000	45.056	9.9	104	0.00
91 T	1,2-Dichlorobenzene	50.000	49.078	1.8	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	43.651	12.7	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.843	0.3	112	0.00
94 T	Hexachlorobutadiene	50.000	48.588	2.8	117	0.00
95 T	Naphthalene	50.000	49.516	1.0	110	0.00
96 T	1,2,3-Trichlorobenzene	50.000	47.434	5.1	107	0.00

(#) = Out of Range

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