

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121018\
 Data File : VN052741.D
 Acq On : 10 Dec 2018 9:16
 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 11 02:17:01 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	100	0.00
2 T	Dichlorodifluoromethane	50.000	41.635	16.7	86	0.00
3 P	Chloromethane	50.000	39.807	20.4	81	0.00
4 C	Vinyl Chloride	50.000	41.847	16.3#	85	0.00
5 T	Bromomethane	50.000	33.688	32.6#	75	0.00
6 T	Chloroethane	50.000	43.219	13.6	89	0.00
7 T	Trichlorofluoromethane	50.000	46.767	6.5	95	0.00
8 T	Diethyl Ether	50.000	47.231	5.5	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	48.891	2.2	100	0.00
10 T	Methyl Iodide	50.000	37.349	25.3#	72	0.00
11 T	Tert butyl alcohol	250.000	243.897	2.4	98	0.00
12 CM	1,1-Dichloroethene	50.000	46.314	7.4#	94	0.00
13 T	Acrolein	250.000	44.215	82.3#	18	0.00
14 T	Allyl chloride	50.000	47.544	4.9	92	0.00
15 T	Acrylonitrile	250.000	229.153	8.3	90	0.00
16 T	Acetone	250.000	210.893	15.6	85	0.00
17 T	Carbon Disulfide	50.000	40.146	19.7	82	0.00
18 T	Methyl Acetate	50.000	48.797	2.4	99	0.00
19 T	Methyl tert-butyl Ether	50.000	49.055	1.9	98	0.00
20 T	Methylene Chloride	50.000	44.930	10.1	95	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.057	5.9	93	0.00
22 T	Diisopropyl ether	50.000	47.905	4.2	95	0.00
23 T	Vinyl Acetate	250.000	209.273	16.3	82	0.00
24 P	1,1-Dichloroethane	50.000	48.110	3.8	96	0.00
25 T	2-Butanone	250.000	221.428	11.4	87	0.00
26 T	2,2-Dichloropropane	50.000	52.744	-5.5	106	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.087	3.8	97	0.00
28 T	Bromochloromethane	50.000	47.949	4.1	96	0.00
29 T	Tetrahydrofuran	250.000	222.216	11.1	88	0.00
30 C	Chloroform	50.000	47.260	5.5#	98	0.00
31 T	Cyclohexane	50.000	44.464	11.1	90	0.00
32 T	1,1,1-Trichloroethane	50.000	49.552	0.9	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.202	1.6	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	42.398	15.2	81	0.00
36 T	1,1-Dichloropropene	50.000	48.707	2.6	95	0.00
37 T	Ethyl Acetate	50.000	44.239	11.5	87	0.00
38 T	Carbon Tetrachloride	50.000	50.828	-1.7	99	0.00
39 T	Methylcyclohexane	50.000	48.832	2.3	94	0.00
40 TM	Benzene	50.000	48.964	2.1	94	0.00
41 T	Methacrylonitrile	50.000	45.476	9.0	83	0.00
42 TM	1,2-Dichloroethane	50.000	49.271	1.5	95	0.00
43 T	Isopropyl Acetate	50.000	48.434	3.1	94	0.00
44 TM	Trichloroethene	50.000	52.288	-4.6	102	0.00
45 C	1,2-Dichloropropane	50.000	49.636	0.7#	96	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	50.853	-1.7	98	0.00
47 T	Bromodichloromethane	50.000	51.418	-2.8	99	0.00
48 T	Methyl methacrylate	50.000	47.217	5.6	91	0.00
49 T	1,4-Dioxane	1000.000	1000.395	-0.0	90	0.00
50 S	Toluene-d8	50.000	51.868	-3.7	98	0.00
51 T	4-Methyl-2-Pentanone	250.000	239.537	4.2	90	0.00
52 CM	Toluene	50.000	50.640	-1.3#	96	0.00
53 T	t-1,3-Dichloropropene	50.000	53.613	-7.2	100	0.00
54 T	cis-1,3-Dichloropropene	50.000	53.249	-6.5	100	0.00
55 T	1,1,2-Trichloroethane	50.000	50.907	-1.8	98	0.00
56 T	Ethyl methacrylate	50.000	46.678	6.6	97	0.00
57 T	1,3-Dichloropropane	50.000	49.781	0.4	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	257.542	-3.0	97	0.00
59 T	2-Hexanone	250.000	255.747	-2.3	94	0.00
60 T	Dibromochloromethane	50.000	53.592	-7.2	101	0.00
61 T	1,2-Dibromoethane	50.000	50.424	-0.8	97	0.00
62 S	4-Bromofluorobenzene	50.000	54.837	-9.7	103	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	60.648	-21.3	119	0.00
65 PM	Chlorobenzene	50.000	51.965	-3.9	99	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.969	-5.9	101	0.00
67 C	Ethyl Benzene	50.000	51.885	-3.8#	98	0.00
68 T	m/p-Xylenes	100.000	105.140	-5.1	98	0.00
69 T	o-Xylene	50.000	52.316	-4.6	98	0.00
70 T	Styrene	50.000	54.923	-9.8	100	0.00
71 P	Bromoform	50.000	54.098	-8.2	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	102	0.00
73 T	Isopropylbenzene	50.000	47.910	4.2	99	0.00
74 T	N-amyl acetate	50.000	49.324	1.4	99	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	41.691	16.6	88	0.00
76 T	1,2,3-Trichloropropane	50.000	42.554	14.9	92	0.00
77 T	Bromobenzene	50.000	49.192	1.6	103	0.00
78 T	n-propylbenzene	50.000	49.445	1.1	100	0.00
79 T	2-Chlorotoluene	50.000	47.712	4.6	99	0.00
80 T	1,3,5-Trimethylbenzene	50.000	49.233	1.5	101	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.818	2.4	98	0.00
82 T	4-Chlorotoluene	50.000	48.893	2.2	100	0.00
83 T	tert-Butylbenzene	50.000	48.699	2.6	102	0.00
84 T	1,2,4-Trimethylbenzene	50.000	49.954	0.1	101	0.00
85 T	sec-Butylbenzene	50.000	49.506	1.0	102	0.00
86 T	p-Isopropyltoluene	50.000	50.861	-1.7	104	0.00
87 T	1,3-Dichlorobenzene	50.000	50.892	-1.8	106	0.00
88 T	1,4-Dichlorobenzene	50.000	51.145	-2.3	106	0.00
89 T	n-Butylbenzene	50.000	53.891	-7.8	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.928	2.1	102	0.00
91 T	1,2-Dichlorobenzene	50.000	50.575	-1.2	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.910	6.2	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.523	-11.0	121	0.00
94 T	Hexachlorobutadiene	50.000	49.888	0.2	108	0.00
95 T	Naphthalene	50.000	51.750	-3.5	114	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.666	-7.3	118	0.00

(#) = Out of Range

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