

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122718\
 Data File : VN053209.D
 Acq On : 27 Dec 2018 15:10
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 28 01:29:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	44.911	10.2	79	0.00
3 P	Chloromethane	50.000	46.509	7.0	80	0.00
4 C	Vinyl Chloride	50.000	46.100	7.8#	80	0.00
5 T	Bromomethane	50.000	46.157	7.7	86	0.00
6 T	Chloroethane	50.000	46.859	6.3	82	0.00
7 T	Trichlorofluoromethane	50.000	48.648	2.7	84	0.00
8 T	Diethyl Ether	50.000	48.622	2.8	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.473	-0.9	90	0.00
10 T	Methyl Iodide	50.000	48.628	2.7	80	0.00
11 T	Tert butyl alcohol	250.000	218.981	12.4	74	0.00
12 CM	1,1-Dichloroethene	50.000	48.201	3.6#	83	0.00
13 T	Acrolein	250.000	279.294	-11.7	93	0.00
14 T	Allyl chloride	50.000	53.156	-6.3	92	0.00
15 T	Acrylonitrile	250.000	232.352	7.1	80	0.00
16 T	Acetone	250.000	223.395	10.6	79	0.00
17 T	Carbon Disulfide	50.000	40.149	19.7	73	0.00
18 T	Methyl Acetate	50.000	50.153	-0.3	88	0.00
19 T	Methyl tert-butyl Ether	50.000	49.002	2.0	84	0.00
20 T	Methylene Chloride	50.000	49.988	0.0	88	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.553	4.9	84	0.00
22 T	Diisopropyl ether	50.000	52.732	-5.5	90	0.00
23 T	Vinyl Acetate	250.000	255.727	-2.3	90	0.00
24 P	1,1-Dichloroethane	50.000	50.796	-1.6	88	0.00
25 T	2-Butanone	250.000	239.104	4.4	80	0.00
26 T	2,2-Dichloropropane	50.000	51.297	-2.6	90	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.190	-0.4	87	0.00
28 T	Bromochloromethane	50.000	47.689	4.6	81	0.00
29 T	Tetrahydrofuran	250.000	227.708	8.9	77	0.00
30 C	Chloroform	50.000	50.852	-1.7#	88	0.00
31 T	Cyclohexane	50.000	48.957	2.1	85	0.00
32 T	1,1,1-Trichloroethane	50.000	49.515	1.0	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.936	-3.9	85	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35 S	Dibromofluoromethane	50.000	67.222	-34.4#	113	0.00
36 T	1,1-Dichloropropene	50.000	50.149	-0.3	86	0.00
37 T	Ethyl Acetate	50.000	47.973	4.1	78	0.00
38 T	Carbon Tetrachloride	50.000	50.844	-1.7	86	0.00
39 T	Methylcyclohexane	50.000	48.216	3.6	84	0.00
40 TM	Benzene	50.000	51.138	-2.3	87	0.00
41 T	Methacrylonitrile	50.000	51.540	-3.1	85	0.00
42 TM	1,2-Dichloroethane	50.000	49.877	0.2	84	0.00
43 T	Isopropyl Acetate	50.000	46.337	7.3	77	0.00
44 TM	Trichloroethene	50.000	48.808	2.4	83	0.00
45 C	1,2-Dichloropropane	50.000	52.732	-5.5#	89	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	49.555	0.9	84	0.00
47 T	Bromodichloromethane	50.000	51.797	-3.6	88	0.00
48 T	Methyl methacrylate	50.000	47.548	4.9	80	0.00
49 T	1,4-Dioxane	1000.000	909.307	9.1	79	0.00
50 S	Toluene-d8	50.000	53.466	-6.9	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	240.863	3.7	78	0.00
52 CM	Toluene	50.000	51.300	-2.6#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	51.007	-2.0	85	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.321	-4.6	87	0.00
55 T	1,1,2-Trichloroethane	50.000	50.543	-1.1	85	0.00
56 T	Ethyl methacrylate	50.000	49.509	1.0	82	0.00
57 T	1,3-Dichloropropane	50.000	50.794	-1.6	84	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	233.871	6.5	76	0.00
59 T	2-Hexanone	250.000	246.404	1.4	81	0.00
60 T	Dibromochloromethane	50.000	51.390	-2.8	86	0.00
61 T	1,2-Dibromoethane	50.000	50.219	-0.4	84	0.00
62 S	4-Bromofluorobenzene	50.000	54.751	-9.5	89	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	43.987	12.0	75	0.00
65 PM	Chlorobenzene	50.000	51.056	-2.1	89	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	51.324	-2.6	89	0.00
67 C	Ethyl Benzene	50.000	51.346	-2.7#	89	0.00
68 T	m/p-Xylenes	100.000	102.252	-2.3	89	0.00
69 T	o-Xylene	50.000	52.000	-4.0	89	0.00
70 T	Styrene	50.000	52.440	-4.9	89	0.00
71 P	Bromoform	50.000	47.975	4.0	82	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73 T	Isopropylbenzene	50.000	52.902	-5.8	89	0.00
74 T	N-amyl acetate	50.000	49.068	1.9	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.223	-6.4	93	0.00
76 T	1,2,3-Trichloropropane	50.000	37.628	24.7	61	0.00
77 T	Bromobenzene	50.000	52.315	-4.6	88	0.00
78 T	n-propylbenzene	50.000	53.278	-6.6	89	0.00
79 T	2-Chlorotoluene	50.000	50.383	-0.8	89	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.018	-4.0	88	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.744	0.5	80	0.00
82 T	4-Chlorotoluene	50.000	52.464	-4.9	89	0.00
83 T	tert-Butylbenzene	50.000	51.904	-3.8	89	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.962	-3.9	87	0.00
85 T	sec-Butylbenzene	50.000	51.419	-2.8	88	0.00
86 T	p-Isopropyltoluene	50.000	51.804	-3.6	88	0.00
87 T	1,3-Dichlorobenzene	50.000	50.732	-1.5	86	0.00
88 T	1,4-Dichlorobenzene	50.000	49.297	1.4	86	0.00
89 T	n-Butylbenzene	50.000	50.159	-0.3	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.659	-5.3	89	0.00
91 T	1,2-Dichlorobenzene	50.000	48.655	2.7	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	40.800	18.4	68	0.00
93 T	1,2,4-Trichlorobenzene	50.000	45.044	9.9	77	0.00
94 T	Hexachlorobutadiene	50.000	54.308	-8.6	87	0.00
95 T	Naphthalene	50.000	40.412	19.2	69	0.00
96 T	1,2,3-Trichlorobenzene	50.000	43.180	13.6	74	0.00

(#) = Out of Range

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