

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072718\
 Data File : VN050157.D
 Acq On : 28 Jul 2018 3:00
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 30 02:04:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 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	93	0.00
2 T	Dichlorodifluoromethane	50.000	49.090	1.8	86	0.00
3 P	Chloromethane	50.000	43.354	13.3	83	0.00
4 C	Vinyl Chloride	50.000	44.703	10.6#	86	0.00
5 T	Bromomethane	50.000	25.480	49.0#	49	0.00
6 T	Chloroethane	50.000	44.272	11.5	88	0.00
7 T	Trichlorofluoromethane	50.000	45.793	8.4	91	0.00
8 T	Diethyl Ether	50.000	47.739	4.5	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	45.329	9.3	91	0.00
10 T	Methyl Iodide	50.000	25.835	48.3#	47	0.00
11 T	Tert butyl alcohol	250.000	213.878	14.4	81	0.00
12 CM	1,1-Dichloroethene	50.000	46.042	7.9#	90	0.00
13 T	Acrolein	250.000	110.196	55.9#	39	0.00
14 T	Allyl chloride	50.000	46.578	6.8	89	0.00
15 T	Acrylonitrile	250.000	236.024	5.6	89	0.00
16 T	Acetone	250.000	230.540	7.8	85	0.00
17 T	Carbon Disulfide	50.000	43.302	13.4	86	0.00
18 T	Methyl Acetate	50.000	54.106	-8.2	101	0.00
19 T	Methyl tert-butyl Ether	50.000	50.295	-0.6	92	0.00
20 T	Methylene Chloride	50.000	50.883	-1.8	93	0.00
21 T	trans-1,2-Dichloroethene	50.000	46.925	6.2	91	0.00
22 T	Diisopropyl ether	50.000	52.764	-5.5	95	0.00
23 T	Vinyl Acetate	250.000	245.415	1.8	88	0.00
24 P	1,1-Dichloroethane	50.000	47.932	4.1	94	0.00
25 T	2-Butanone	250.000	227.179	9.1	85	0.00
26 T	2,2-Dichloropropane	50.000	30.966	38.1#	61	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.733	0.5	93	0.00
28 T	Bromochloromethane	50.000	50.734	-1.5	97	0.00
29 T	Tetrahydrofuran	250.000	234.140	6.3	86	0.00
30 C	Chloroform	50.000	47.886	4.2#	95	0.00
31 T	Cyclohexane	50.000	47.983	4.0	91	0.00
32 T	1,1,1-Trichloroethane	50.000	47.027	5.9	92	0.00
33 S	1,2-Dichloroethane-d4	50.000	49.966	0.1	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	97	0.00
35 S	Dibromofluoromethane	50.000	50.818	-1.6	98	0.00
36 T	1,1-Dichloropropene	50.000	48.712	2.6	92	0.00
37 T	Ethyl Acetate	50.000	45.326	9.3	87	0.00
38 T	Carbon Tetrachloride	50.000	47.408	5.2	93	0.00
39 T	Methylcyclohexane	50.000	48.652	2.7	90	0.00
40 TM	Benzene	50.000	48.777	2.4	93	0.00
41 T	Methacrylonitrile	50.000	36.139	27.7#	84	0.00
42 TM	1,2-Dichloroethane	50.000	47.109	5.8	93	0.00
43 T	Isopropyl Acetate	50.000	49.666	0.7	98	0.00
44 TM	Trichloroethene	50.000	46.375	7.2	92	0.00
45 C	1,2-Dichloropropane	50.000	48.917	2.2#	95	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	47.821	4.4	92	0.00
47 T	Bromodichloromethane	50.000	48.016	4.0	94	0.00
48 T	Methyl methacrylate	50.000	48.747	2.5	87	0.00
49 T	1,4-Dioxane	1000.000	931.497	6.9	84	0.00
50 S	Toluene-d8	50.000	51.131	-2.3	96	0.00
51 T	4-Methyl-2-Pentanone	250.000	242.517	3.0	87	0.00
52 CM	Toluene	50.000	51.046	-2.1#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	47.741	4.5	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	47.666	4.7	89	0.00
55 T	1,1,2-Trichloroethane	50.000	47.931	4.1	93	0.00
56 T	Ethyl methacrylate	50.000	45.749	8.5	91	0.00
57 T	1,3-Dichloropropane	50.000	49.732	0.5	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	219.975	12.0	86	0.00
59 T	2-Hexanone	250.000	221.317	11.5	86	0.00
60 T	Dibromochloromethane	50.000	48.735	2.5	91	0.00
61 T	1,2-Dibromoethane	50.000	47.548	4.9	90	0.00
62 S	4-Bromofluorobenzene	50.000	52.625	-5.3	97	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	46.461	7.1	91	0.00
65 PM	Chlorobenzene	50.000	48.250	3.5	93	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	48.406	3.2	95	0.00
67 C	Ethyl Benzene	50.000	52.128	-4.3#	94	0.00
68 T	m/p-Xylenes	100.000	105.404	-5.4	93	0.00
69 T	o-Xylene	50.000	53.639	-7.3	94	0.00
70 T	Styrene	50.000	49.030	1.9	94	0.00
71 P	Bromoform	50.000	47.602	4.8	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73 T	Isopropylbenzene	50.000	51.421	-2.8	93	0.00
74 T	N-amyl acetate	50.000	48.805	2.4	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.911	-1.8	92	0.00
76 T	1,2,3-Trichloropropane	50.000	48.094	3.8	94	0.00
77 T	Bromobenzene	50.000	47.637	4.7	92	0.00
78 T	n-propylbenzene	50.000	52.452	-4.9	92	0.00
79 T	2-Chlorotoluene	50.000	50.880	-1.8	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.723	-7.4	93	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	41.978	16.0	75	0.00
82 T	4-Chlorotoluene	50.000	51.657	-3.3	92	0.00
83 T	tert-Butylbenzene	50.000	52.679	-5.4	93	0.00
84 T	1,2,4-Trimethylbenzene	50.000	54.916	-9.8	93	0.00
85 T	sec-Butylbenzene	50.000	52.353	-4.7	92	0.00
86 T	p-Isopropyltoluene	50.000	54.305	-8.6	92	0.00
87 T	1,3-Dichlorobenzene	50.000	49.754	0.5	92	0.00
88 T	1,4-Dichlorobenzene	50.000	49.025	2.0	91	0.00
89 T	n-Butylbenzene	50.000	52.767	-5.5	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.739	6.5	95	0.00
91 T	1,2-Dichlorobenzene	50.000	49.004	2.0	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	47.310	5.4	88	0.00
93 T	1,2,4-Trichlorobenzene	50.000	44.902	10.2	86	0.00
94 T	Hexachlorobutadiene	50.000	46.099	7.8	91	0.00
95 T	Naphthalene	50.000	42.881	14.2	85	0.00
96 T	1,2,3-Trichlorobenzene	50.000	45.737	8.5	87	0.00

(#) = Out of Range

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