

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU061818\
 Data File : VU024680.D
 Acq On : 18 Jun 2018 10:13
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 18 17:43:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 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	90	0.00
2 T	Dichlorodifluoromethane	50.000	43.071	13.9	79	0.00
3 P	Chloromethane	50.000	45.991	8.0	89	0.00
4 C	Vinyl Chloride	50.000	47.345	5.3#	87	0.00
5 T	Bromomethane	50.000	46.575	6.8	82	0.00
6 T	Chloroethane	50.000	56.254	-12.5	97	0.00
7 T	Trichlorofluoromethane	50.000	50.234	-0.5	94	0.00
8 T	Diethyl Ether	50.000	55.571	-11.1	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.895	6.2	87	0.00
10 T	Methyl Iodide	50.000	37.827	24.3#	67	0.00
11 T	Tert butyl alcohol	250.000	193.490	22.6#	74	0.00
12 CM	1,1-Dichloroethene	50.000	46.058	7.9#	83	0.00
13 T	Acrolein	250.000	303.110	-21.2#	113	0.00
14 T	Allyl chloride	50.000	44.003	12.0	82	0.00
15 T	Acrylonitrile	250.000	241.455	3.4	85	0.00
16 T	Acetone	250.000	282.920	-13.2	107	0.00
17 T	Carbon Disulfide	50.000	43.419	13.2	80	0.00
18 T	Methyl Acetate	50.000	48.917	2.2	89	0.00
19 T	Methyl tert-butyl Ether	50.000	47.617	4.8	86	0.00
20 T	Methylene Chloride	50.000	45.418	9.2	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	47.458	5.1	87	0.00
22 T	Diisopropyl ether	50.000	49.456	1.1	90	0.00
23 T	Vinyl Acetate	250.000	239.866	4.1	86	0.00
24 P	1,1-Dichloroethane	50.000	47.643	4.7	86	0.00
25 T	2-Butanone	250.000	266.993	-6.8	94	0.00
26 T	2,2-Dichloropropane	50.000	45.655	8.7	84	0.00
27 T	cis-1,2-Dichloroethene	50.000	48.678	2.6	89	0.00
28 T	Bromochloromethane	50.000	47.983	4.0	81	0.00
29 T	Tetrahydrofuran	250.000	231.087	7.6	84	0.00
30 C	Chloroform	50.000	48.367	3.3#	88	0.00
31 T	Cyclohexane	50.000	49.877	0.2	86	0.00
32 T	1,1,1-Trichloroethane	50.000	46.384	7.2	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	44.364	11.3	79	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35 S	Dibromofluoromethane	50.000	50.592	-1.2	86	0.00
36 T	1,1-Dichloropropene	50.000	47.731	4.5	84	0.00
37 T	Ethyl Acetate	50.000	51.351	-2.7	83	0.00
38 T	Carbon Tetrachloride	50.000	48.874	2.3	85	0.00
39 T	Methylcyclohexane	50.000	49.420	1.2	88	0.00
40 TM	Benzene	50.000	50.517	-1.0	87	0.00
41 T	Methacrylonitrile	50.000	51.513	-3.0	83	0.00
42 TM	1,2-Dichloroethane	50.000	48.051	3.9	84	0.00
43 T	Isopropyl Acetate	50.000	49.287	1.4	86	0.00
44 TM	Trichloroethene	50.000	50.156	-0.3	89	0.00
45 C	1,2-Dichloropropane	50.000	51.819	-3.6#	90	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	51.597	-3.2	88	0.00
47 T	Bromodichloromethane	50.000	49.841	0.3	87	0.00
48 T	Methyl methacrylate	50.000	48.448	3.1	83	0.00
49 T	1,4-Dioxane	1000.000	963.697	3.6	89	0.00
50 S	Toluene-d8	50.000	51.132	-2.3	87	0.00
51 T	4-Methyl-2-Pentanone	250.000	252.280	-0.9	87	0.00
52 CM	Toluene	50.000	50.821	-1.6#	89	0.00
53 T	t-1,3-Dichloropropene	50.000	50.943	-1.9	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	50.158	-0.3	87	0.00
55 T	1,1,2-Trichloroethane	50.000	51.590	-3.2	93	0.00
56 T	Ethyl methacrylate	50.000	50.353	-0.7	88	0.00
57 T	1,3-Dichloropropane	50.000	51.825	-3.7	91	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	255.721	-2.3	86	0.00
59 T	2-Hexanone	250.000	262.857	-5.1	93	0.00
60 T	Dibromochloromethane	50.000	50.492	-1.0	90	0.00
61 T	1,2-Dibromoethane	50.000	51.214	-2.4	91	0.00
62 S	4-Bromofluorobenzene	50.000	48.776	2.4	84	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64 T	Tetrachloroethene	50.000	51.919	-3.8	89	0.00
65 PM	Chlorobenzene	50.000	52.018	-4.0	91	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.397	-4.8	92	0.00
67 C	Ethyl Benzene	50.000	50.444	-0.9#	88	0.00
68 T	m/p-Xylenes	100.000	103.347	-3.3	90	0.00
69 T	o-Xylene	50.000	51.824	-3.6	92	0.00
70 T	Styrene	50.000	51.505	-3.0	89	0.00
71 P	Bromoform	50.000	51.955	-3.9	92	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73 T	Isopropylbenzene	50.000	50.971	-1.9	91	0.00
74 T	N-amyl acetate	50.000	49.709	0.6	89	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.859	-1.7	94	0.00
76 T	1,2,3-Trichloropropane	50.000	50.866	-1.7	90	0.00
77 T	Bromobenzene	50.000	50.606	-1.2	90	0.00
78 T	n-propylbenzene	50.000	50.231	-0.5	89	0.00
79 T	2-Chlorotoluene	50.000	50.449	-0.9	91	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.923	-1.8	92	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	55.163	-10.3	99	0.00
82 T	4-Chlorotoluene	50.000	49.893	0.2	89	0.00
83 T	tert-Butylbenzene	50.000	50.984	-2.0	92	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.249	-2.5	91	0.00
85 T	sec-Butylbenzene	50.000	51.402	-2.8	92	0.00
86 T	p-Isopropyltoluene	50.000	51.197	-2.4	92	0.00
87 T	1,3-Dichlorobenzene	50.000	50.230	-0.5	90	0.00
88 T	1,4-Dichlorobenzene	50.000	50.774	-1.5	91	0.00
89 T	n-Butylbenzene	50.000	50.408	-0.8	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	48.435	3.1	89	0.00
91 T	1,2-Dichlorobenzene	50.000	51.166	-2.3	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.317	7.4	80	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.251	-6.5	85	0.00
94 T	Hexachlorobutadiene	50.000	51.769	-3.5	91	0.00
95 T	Naphthalene	50.000	47.035	5.9	80	0.00
96 T	1,2,3-Trichlorobenzene	50.000	53.974	-7.9	85	0.00

(#) = Out of Range

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