

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092618\
 Data File : VU027161.D
 Acq On : 26 Sep 2018 05:12
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 26 07:35:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 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	86	0.00
2 T	Dichlorodifluoromethane	50.000	46.427	7.1	81	0.00
3 P	Chloromethane	50.000	45.291	9.4	83	0.00
4 C	Vinyl Chloride	50.000	47.952	4.1#	84	0.00
5 T	Bromomethane	50.000	34.042	31.9#	65	0.00
6 T	Chloroethane	50.000	48.349	3.3	85	0.00
7 T	Trichlorofluoromethane	50.000	48.093	3.8	84	0.00
8 T	Diethyl Ether	50.000	49.610	0.8	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	46.558	6.9	83	0.00
10 T	Methyl Iodide	50.000	20.701	58.6#	35	0.00
11 T	Tert butyl alcohol	250.000	246.245	1.5	86	0.00
12 CM	1,1-Dichloroethene	50.000	48.592	2.8#	86	0.00
13 T	Acrolein	250.000	203.945	18.4	66	0.00
14 T	Allyl chloride	50.000	50.712	-1.4	87	0.00
15 T	Acrylonitrile	250.000	279.594	-11.8	94	0.00
16 T	Acetone	250.000	282.182	-12.9	92	0.00
17 T	Carbon Disulfide	50.000	45.745	8.5	81	0.00
18 T	Methyl Acetate	50.000	46.405	7.2	79	0.00
19 T	Methyl tert-butyl Ether	50.000	56.478	-13.0	95	0.00
20 T	Methylene Chloride	50.000	49.578	0.8	90	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.556	-1.1	85	0.00
22 T	Diisopropyl ether	50.000	59.140	-18.3	96	0.00
23 T	Vinyl Acetate	250.000	219.255	12.3	71	0.00
24 P	1,1-Dichloroethane	50.000	54.758	-9.5	94	0.00
25 T	2-Butanone	250.000	271.653	-8.7	94	0.00
26 T	2,2-Dichloropropane	50.000	24.069	51.9#	42	0.00
27 T	cis-1,2-Dichloroethene	50.000	52.431	-4.9	89	0.00
28 T	Bromochloromethane	50.000	61.139	-22.3#	101	0.00
29 T	Tetrahydrofuran	250.000	294.718	-17.9	97	0.00
30 C	Chloroform	50.000	52.952	-5.9#	92	0.00
31 T	Cyclohexane	50.000	51.354	-2.7	87	0.00
32 T	1,1,1-Trichloroethane	50.000	53.452	-6.9	91	0.00
33 S	1,2-Dichloroethane-d4	50.000	56.583	-13.2	97	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35 S	Dibromofluoromethane	50.000	50.560	-1.1	92	0.00
36 T	1,1-Dichloropropene	50.000	48.390	3.2	88	0.00
37 T	Ethyl Acetate	50.000	42.160	15.7	77	0.00
38 T	Carbon Tetrachloride	50.000	48.117	3.8	88	0.00
39 T	Methylcyclohexane	50.000	48.157	3.7	82	0.00
40 TM	Benzene	50.000	49.446	1.1	90	0.00
41 T	Methacrylonitrile	50.000	58.580	-17.2	101	0.00
42 TM	1,2-Dichloroethane	50.000	52.283	-4.6	94	0.00
43 T	Isopropyl Acetate	50.000	47.846	4.3	85	0.00
44 TM	Trichloroethene	50.000	47.513	5.0	86	0.00
45 C	1,2-Dichloropropane	50.000	52.469	-4.9#	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	50.214	-0.4	92	0.00
47 T	Bromodichloromethane	50.000	50.111	-0.2	93	0.00
48 T	Methyl methacrylate	50.000	52.267	-4.5	98	0.00
49 T	1,4-Dioxane	1000.000	818.937	18.1	75	0.00
50 S	Toluene-d8	50.000	50.576	-1.2	90	0.00
51 T	4-Methyl-2-Pentanone	250.000	283.214	-13.3	97	0.00
52 CM	Toluene	50.000	50.931	-1.9#	87	0.00
53 T	t-1,3-Dichloropropene	50.000	46.355	7.3	80	0.00
54 T	cis-1,3-Dichloropropene	50.000	44.384	11.2	77	0.00
55 T	1,1,2-Trichloroethane	50.000	51.085	-2.2	91	0.00
56 T	Ethyl methacrylate	50.000	48.927	2.1	95	0.00
57 T	1,3-Dichloropropane	50.000	52.649	-5.3	93	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	4.861	98.1#	0	-7.13#
59 T	2-Hexanone	250.000	273.053	-9.2	95	0.00
60 T	Dibromochloromethane	50.000	51.481	-3.0	92	0.00
61 T	1,2-Dibromoethane	50.000	50.539	-1.1	90	0.00
62 S	4-Bromofluorobenzene	50.000	53.505	-7.0	95	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64 T	Tetrachloroethene	50.000	45.280	9.4	84	0.00
65 PM	Chlorobenzene	50.000	46.815	6.4	87	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	50.976	-2.0	91	0.00
67 C	Ethyl Benzene	50.000	52.064	-4.1#	88	0.00
68 T	m/p-Xylenes	100.000	95.568	4.4	86	0.00
69 T	o-Xylene	50.000	52.753	-5.5	88	0.00
70 T	Styrene	50.000	47.600	4.8	88	0.00
71 P	Bromoform	50.000	51.266	-2.5	91	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73 T	Isopropylbenzene	50.000	52.351	-4.7	87	0.00
74 T	N-amyl acetate	50.000	41.280	17.4	72	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	46.772	6.5	90	0.00
76 T	1,2,3-Trichloropropane	50.000	47.475	5.0	87	0.00
77 T	Bromobenzene	50.000	48.408	3.2	86	0.00
78 T	n-propylbenzene	50.000	53.176	-6.4	86	0.00
79 T	2-Chlorotoluene	50.000	50.767	-1.5	88	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.953	-5.9	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	34.232	31.5#	64	0.00
82 T	4-Chlorotoluene	50.000	52.080	-4.2	88	0.00
83 T	tert-Butylbenzene	50.000	51.318	-2.6	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.230	-6.5	86	0.00
85 T	sec-Butylbenzene	50.000	52.393	-4.8	86	0.00
86 T	p-Isopropyltoluene	50.000	47.141	5.7	84	0.00
87 T	1,3-Dichlorobenzene	50.000	47.314	5.4	85	0.00
88 T	1,4-Dichlorobenzene	50.000	43.797	12.4	83	0.00
89 T	n-Butylbenzene	50.000	44.261	11.5	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	46.661	6.7	87	0.00
91 T	1,2-Dichlorobenzene	50.000	45.925	8.2	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	50.857	-1.7	93	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.764	2.5	82	0.00
94 T	Hexachlorobutadiene	50.000	43.983	12.0	78	0.00
95 T	Naphthalene	50.000	46.553	6.9	84	0.00
96 T	1,2,3-Trichlorobenzene	50.000	49.177	1.6	83	0.00

(#) = Out of Range

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