

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU121918\
 Data File : VU028808.D
 Acq On : 19 Dec 2018 20:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 06:47:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 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	106	0.00
2 T	Dichlorodifluoromethane	50.000	45.820	8.4	97	0.00
3 P	Chloromethane	50.000	39.664	20.7#	88	0.00
4 C	Vinyl Chloride	50.000	47.857	4.3#	102	0.00
5 T	Bromomethane	50.000	55.966	-11.9	128	-0.01
6 T	Chloroethane	50.000	48.275	3.5	101	0.00
7 T	Trichlorofluoromethane	50.000	47.334	5.3	103	0.00
8 T	Diethyl Ether	50.000	47.934	4.1	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	49.676	0.6	108	0.00
10 T	Methyl Iodide	50.000	68.275	-36.6#	142	0.00
11 T	Tert butyl alcohol	250.000	224.513	10.2	96	0.00
12 CM	1,1-Dichloroethene	50.000	50.223	-0.4#	109	0.00
13 T	Acrolein	250.000	197.556	21.0#	84	0.00
14 T	Allyl chloride	50.000	38.339	23.3#	86	0.00
15 T	Acrylonitrile	250.000	231.671	7.3	98	0.00
16 T	Acetone	250.000	164.364	34.3#	75	0.00
17 T	Carbon Disulfide	50.000	46.650	6.7	103	0.00
18 T	Methyl Acetate	50.000	45.250	9.5	95	0.00
19 T	Methyl tert-butyl Ether	50.000	47.258	5.5	101	0.00
20 T	Methylene Chloride	50.000	46.053	7.9	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.815	-1.6	110	0.00
22 T	Diisopropyl ether	50.000	42.991	14.0	91	0.00
23 T	Vinyl Acetate	250.000	210.917	15.6	88	0.00
24 P	1,1-Dichloroethane	50.000	45.698	8.6	100	0.00
25 T	2-Butanone	250.000	200.371	19.9	84	0.00
26 T	2,2-Dichloropropane	50.000	42.995	14.0	95	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.821	-3.6	112	0.00
28 T	Bromochloromethane	50.000	41.799	16.4	89	0.00
29 T	Tetrahydrofuran	250.000	211.684	15.3	88	0.00
30 C	Chloroform	50.000	48.192	3.6#	104	0.00
31 T	Cyclohexane	50.000	44.118	11.8	95	0.00
32 T	1,1,1-Trichloroethane	50.000	47.282	5.4	101	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.477	13.0	96	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	102	0.00
35 S	Dibromofluoromethane	50.000	52.307	-4.6	109	0.00
36 T	1,1-Dichloropropene	50.000	48.470	3.1	100	0.00
37 T	Ethyl Acetate	50.000	44.037	11.9	88	0.00
38 T	Carbon Tetrachloride	50.000	50.167	-0.3	104	0.00
39 T	Methylcyclohexane	50.000	48.144	3.7	101	0.00
40 TM	Benzene	50.000	51.797	-3.6	106	0.00
41 T	Methacrylonitrile	50.000	44.788	10.4	89	0.00
42 TM	1,2-Dichloroethane	50.000	46.515	7.0	96	0.00
43 T	Isopropyl Acetate	50.000	43.827	12.3	87	0.00
44 TM	Trichloroethene	50.000	58.000	-16.0	121	0.00
45 C	1,2-Dichloropropane	50.000	50.677	-1.4#	100	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	51.856	-3.7	105	0.00
47 T	Bromodichloromethane	50.000	49.860	0.3	103	0.00
48 T	Methyl methacrylate	50.000	44.467	11.1	87	0.00
49 T	1,4-Dioxane	1000.000	1116.568	-11.7	113	0.00
50 S	Toluene-d8	50.000	51.511	-3.0	107	0.00
51 T	4-Methyl-2-Pentanone	250.000	223.041	10.8	90	0.00
52 CM	Toluene	50.000	52.948	-5.9#	107	0.00
53 T	t-1,3-Dichloropropene	50.000	48.749	2.5	99	0.00
54 T	cis-1,3-Dichloropropene	50.000	49.704	0.6	101	0.00
55 T	1,1,2-Trichloroethane	50.000	53.970	-7.9	107	0.00
56 T	Ethyl methacrylate	50.000	50.946	-1.9	100	0.00
57 T	1,3-Dichloropropane	50.000	50.637	-1.3	104	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	224.351	10.3	90	0.00
59 T	2-Hexanone	250.000	214.195	14.3	87	0.00
60 T	Dibromochloromethane	50.000	52.841	-5.7	109	0.00
61 T	1,2-Dibromoethane	50.000	54.750	-9.5	109	0.00
62 S	4-Bromofluorobenzene	50.000	51.072	-2.1	108	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64 T	Tetrachloroethene	50.000	55.257	-10.5	116	0.00
65 PM	Chlorobenzene	50.000	52.933	-5.9	110	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.833	-11.7	112	0.00
67 C	Ethyl Benzene	50.000	51.173	-2.3#	105	0.00
68 T	m/p-Xylenes	100.000	107.382	-7.4	108	0.00
69 T	o-Xylene	50.000	54.384	-8.8	110	0.00
70 T	Styrene	50.000	54.265	-8.5	110	0.00
71 P	Bromoform	50.000	57.133	-14.3	114	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	105	0.00
73 T	Isopropylbenzene	50.000	50.048	-0.1	107	0.00
74 T	N-amyl acetate	50.000	41.252	17.5	87	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	50.813	-1.6	107	0.00
76 T	1,2,3-Trichloropropane	50.000	47.699	4.6	99	0.00
77 T	Bromobenzene	50.000	53.840	-7.7	114	0.00
78 T	n-propylbenzene	50.000	49.081	1.8	104	0.00
79 T	2-Chlorotoluene	50.000	50.162	-0.3	106	0.00
80 T	1,3,5-Trimethylbenzene	50.000	51.043	-2.1	107	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.752	-3.5	119	0.00
82 T	4-Chlorotoluene	50.000	48.345	3.3	105	0.00
83 T	tert-Butylbenzene	50.000	51.293	-2.6	109	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.460	-0.9	106	0.00
85 T	sec-Butylbenzene	50.000	49.898	0.2	105	0.00
86 T	p-Isopropyltoluene	50.000	49.963	0.1	106	0.00
87 T	1,3-Dichlorobenzene	50.000	51.854	-3.7	113	0.00
88 T	1,4-Dichlorobenzene	50.000	50.724	-1.4	113	0.00
89 T	n-Butylbenzene	50.000	46.723	6.6	99	0.00

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90 T	Hexachloroethane	50.000	51.430	-2.9	109	0.00
91 T	1,2-Dichlorobenzene	50.000	51.795	-3.6	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	48.198	3.6	99	0.00
93 T	1,2,4-Trichlorobenzene	50.000	50.031	-0.1	108	0.00
94 T	Hexachlorobutadiene	50.000	47.243	5.5	104	0.00
95 T	Naphthalene	50.000	48.595	2.8	105	0.00
96 T	1,2,3-Trichlorobenzene	50.000	50.855	-1.7	107	0.00

(#) = Out of Range

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