

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122218\
 Data File : VU028909.D
 Acq On : 22 Dec 2018 10:28
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 24 05:03:19 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	103	0.00
2 T	Dichlorodifluoromethane	50.000	47.334	5.3	97	0.00
3 P	Chloromethane	50.000	37.497	25.0#	80	0.00
4 C	Vinyl Chloride	50.000	46.088	7.8#	95	0.00
5 T	Bromomethane	50.000	65.709	-31.4#	146	-0.02
6 T	Chloroethane	50.000	48.343	3.3	97	-0.01
7 T	Trichlorofluoromethane	50.000	47.620	4.8	100	0.00
8 T	Diethyl Ether	50.000	48.458	3.1	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.344	-6.7	112	0.00
10 T	Methyl Iodide	50.000	61.344	-22.7#	123	0.00
11 T	Tert butyl alcohol	250.000	225.923	9.6	93	0.00
12 CM	1,1-Dichloroethene	50.000	51.855	-3.7#	109	0.00
13 T	Acrolein	250.000	199.084	20.4#	81	0.00
14 T	Allyl chloride	50.000	42.894	14.2	93	0.00
15 T	Acrylonitrile	250.000	226.979	9.2	92	0.00
16 T	Acetone	250.000	231.791	7.3	102	0.00
17 T	Carbon Disulfide	50.000	46.827	6.3	100	0.00
18 T	Methyl Acetate	50.000	43.485	13.0	88	0.00
19 T	Methyl tert-butyl Ether	50.000	46.860	6.3	97	0.00
20 T	Methylene Chloride	50.000	47.510	5.0	106	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.407	1.2	103	0.00
22 T	Diisopropyl ether	50.000	42.459	15.1	87	0.00
23 T	Vinyl Acetate	250.000	205.155	17.9	83	0.00
24 P	1,1-Dichloroethane	50.000	45.748	8.5	96	0.00
25 T	2-Butanone	250.000	219.744	12.1	89	0.00
26 T	2,2-Dichloropropane	50.000	46.570	6.9	99	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.697	-1.4	106	0.00
28 T	Bromochloromethane	50.000	43.263	13.5	89	0.00
29 T	Tetrahydrofuran	250.000	206.202	17.5	83	0.00
30 C	Chloroform	50.000	49.045	1.9#	102	0.00
31 T	Cyclohexane	50.000	44.621	10.8	93	0.00
32 T	1,1,1-Trichloroethane	50.000	47.576	4.8	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	43.514	13.0	93	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35 S	Dibromofluoromethane	50.000	54.550	-9.1	107	0.00
36 T	1,1-Dichloropropene	50.000	50.374	-0.7	97	0.00
37 T	Ethyl Acetate	50.000	44.051	11.9	82	0.00
38 T	Carbon Tetrachloride	50.000	51.892	-3.8	101	0.00
39 T	Methylcyclohexane	50.000	51.231	-2.5	101	0.00
40 TM	Benzene	50.000	53.809	-7.6	103	0.00
41 T	Methacrylonitrile	50.000	44.410	11.2	83	0.00
42 TM	1,2-Dichloroethane	50.000	47.123	5.8	91	0.00
43 T	Isopropyl Acetate	50.000	43.785	12.4	82	0.00
44 TM	Trichloroethene	50.000	57.272	-14.5	112	0.00
45 C	1,2-Dichloropropane	50.000	51.962	-3.9#	96	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	53.128	-6.3	101	0.00
47 T	Bromodichloromethane	50.000	51.710	-3.4	100	0.00
48 T	Methyl methacrylate	50.000	44.207	11.6	81	0.00
49 T	1,4-Dioxane	1000.000	1255.583	-25.6#	119	0.00
50 S	Toluene-d8	50.000	52.934	-5.9	103	0.00
51 T	4-Methyl-2-Pentanone	250.000	221.049	11.6	83	0.00
52 CM	Toluene	50.000	54.739	-9.5#	104	0.00
53 T	t-1,3-Dichloropropene	50.000	51.247	-2.5	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	51.470	-2.9	98	0.00
55 T	1,1,2-Trichloroethane	50.000	56.531	-13.1	105	0.00
56 T	Ethyl methacrylate	50.000	50.875	-1.8	94	0.00
57 T	1,3-Dichloropropane	50.000	51.866	-3.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	233.845	6.5	88	0.00
59 T	2-Hexanone	250.000	226.473	9.4	86	0.00
60 T	Dibromochloromethane	50.000	54.922	-9.8	107	0.00
61 T	1,2-Dibromoethane	50.000	55.738	-11.5	104	0.00
62 S	4-Bromofluorobenzene	50.000	51.639	-3.3	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64 T	Tetrachloroethene	50.000	57.458	-14.9	113	0.00
65 PM	Chlorobenzene	50.000	55.529	-11.1	108	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	58.033	-16.1	109	0.00
67 C	Ethyl Benzene	50.000	52.455	-4.9#	101	0.00
68 T	m/p-Xylenes	100.000	112.715	-12.7	106	0.00
69 T	o-Xylene	50.000	55.067	-10.1	105	0.00
70 T	Styrene	50.000	56.339	-12.7	107	0.00
71 P	Bromoform	50.000	58.858	-17.7	110	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73 T	Isopropylbenzene	50.000	51.231	-2.5	105	0.00
74 T	N-amyl acetate	50.000	40.339	19.3	82	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	52.291	-4.6	105	0.00
76 T	1,2,3-Trichloropropane	50.000	54.453	-8.9	108	0.00
77 T	Bromobenzene	50.000	55.055	-10.1	112	0.00
78 T	n-propylbenzene	50.000	50.228	-0.5	102	0.00
79 T	2-Chlorotoluene	50.000	51.105	-2.2	104	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.052	-4.1	105	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	45.306	9.4	100	0.00
82 T	4-Chlorotoluene	50.000	49.117	1.8	102	0.00
83 T	tert-Butylbenzene	50.000	52.084	-4.2	106	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.964	-3.9	105	0.00
85 T	sec-Butylbenzene	50.000	51.188	-2.4	103	0.00
86 T	p-Isopropyltoluene	50.000	51.944	-3.9	106	0.00
87 T	1,3-Dichlorobenzene	50.000	53.761	-7.5	112	0.00
88 T	1,4-Dichlorobenzene	50.000	51.994	-4.0	111	0.00
89 T	n-Butylbenzene	50.000	48.583	2.8	98	0.00

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90 T	Hexachloroethane	50.000	52.779	-5.6	107	0.00
91 T	1,2-Dichlorobenzene	50.000	53.951	-7.9	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	46.890	6.2	92	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.071	-4.1	108	0.00
94 T	Hexachlorobutadiene	50.000	50.364	-0.7	107	0.00
95 T	Naphthalene	50.000	48.817	2.4	101	0.00
96 T	1,2,3-Trichlorobenzene	50.000	52.900	-5.8	107	0.00

(#) = Out of Range

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