Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU091219\
Data File : VU034521.D
Acq On : 12 Sep 2019 15:34
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
LabSampleId : VSTDCCC050

Quant Time: Sep 13 07:47:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 06 05:10:13 2019
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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	75	0.00
2	T	Dichlorodifluoromethane	0.523	0.526	-0.6	82	0.00
3	P	Chloromethane	0.644	0.595	7.6	80	0.00
4	C	Vinyl Chloride	0.652	0.634	2.8#	81	0.00
5	T	Bromomethane	0.360	0.391	-8.6	88	0.00
6	T	Chloroethane	0.427	0.412	3.5	81	0.00
7	T	Trichlorofluoromethane	0.874	0.934	-6.9	87	0.00
8	T	Diethyl Ether	0.384	0.408	-6.2	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.579	0.624	-7.8	89	0.00
10	T	Methyl Iodide	0.477	0.565	-18.4	84	0.00
11	T	Tert butyl alcohol	0.160	0.183	-14.4	89	0.00
12	CM	1,1-Dichloroethene	0.544	0.570	-4.8#	85	0.00
13	T	Acrolein	0.134	0.104	22.4#	61	0.00
14	T	Allyl chloride	1.040	1.054	-1.3	82	0.00
15	T	Acrylonitrile	0.398	0.449	-12.8	84	0.00
16	T	Acetone	0.391	0.436	-11.5	91	0.00
17	T	Carbon Disulfide	1.223	1.060	13.3	72	0.00
18	T	Methyl Acetate	0.953	1.004	-5.4	87	0.00
19	T	Methyl tert-butyl Ether	1.983	2.259	-13.9	88	0.00
20	T	Methylene Chloride	0.709	0.730	-3.0	86	0.00
21	T	trans-1,2-Dichloroethene	0.573	0.590	-3.0	83	0.00
22	T	Diisopropyl ether	2.028	2.295	-13.2	86	0.00
23	T	Vinyl Acetate	1.652	1.878	-13.7	84	0.00
24	P	1,1-Dichloroethane	1.211	1.285	-6.1	86	0.00
25	T	2-Butanone	0.523	0.602	-15.1	85	0.00
26	T	2,2-Dichloropropane	0.974	1.093	-12.2	90	0.00
27	T	cis-1,2-Dichloroethene	0.696	0.770	-10.6	88	0.00
28	T	Bromochloromethane	0.557	0.609	-9.3	80	0.00
29	T	Tetrahydrofuran	0.318	0.353	-11.0	81	0.00
30	C	Chloroform	1.231	1.321	-7.3#	88	0.00
31	T	Cyclohexane	0.886	0.884	0.2	80	0.00
32	T	1,1,1-Trichloroethane	0.984	1.074	-9.1	88	0.00
33	S	1,2-Dichloroethane-d4	0.757	0.774	-2.2	77	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35	S	Dibromofluoromethane	0.465	0.493	-6.0	79	0.00
36	T	1,1-Dichloropropene	0.542	0.593	-9.4	85	0.00
37	T	Ethyl Acetate	0.641	0.718	-12.0	83	0.00
38	T	Carbon Tetrachloride	0.579	0.646	-11.6	87	0.00
39	T	Methylcyclohexane	0.580	0.636	-9.7	83	0.00
40	TM	Benzene	1.750	1.936	-10.6	85	0.00
41	T	Methacrylonitrile	0.342	0.410	-19.9	85	0.00
42	TM	1,2-Dichloroethane	0.607	0.688	-13.3	88	0.00
43	T	Isopropyl Acetate	1.000	1.132	-13.2	84	0.00
44	TM	Trichloroethene	0.484	0.536	-10.7	87	0.00
45	C	1,2-Dichloropropane	0.512	0.580	-13.3#	87	0.00

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Quant Title : SW846 8260
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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	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.321	0.362	-12.8	86	0.00
47	T	Bromodichloromethane	0.661	0.757	-14.5	89	0.00
48	T	Methyl methacrylate	0.475	0.542	-14.1	84	0.00
49	T	1,4-Dioxane	0.010	0.013	-30.0#	89	0.00
50	S	Toluene-d8	1.748	1.848	-5.7	75	0.00
51	T	4-Methyl-2-Pentanone	0.692	0.805	-16.3	85	0.00
52	CM	Toluene	1.098	1.265	-15.2#	86	0.00
53	T	t-1,3-Dichloropropene	0.685	0.795	-16.1	87	0.00
54	T	cis-1,3-Dichloropropene	0.752	0.889	-18.2	88	0.00
55	T	1,1,2-Trichloroethane	0.498	0.568	-14.1	87	0.00
56	T	Ethyl methacrylate	0.672	0.824	-22.6#	87	0.00
57	T	1,3-Dichloropropane	0.812	0.920	-13.3	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.222	0.239	-7.7	69	0.00
59	T	2-Hexanone	0.517	0.620	-19.9	86	0.00
60	T	Dibromochloromethane	0.535	0.634	-18.5	90	0.00
61	T	1,2-Dibromoethane	0.488	0.564	-15.6	87	0.00
62	S	4-Bromofluorobenzene	0.675	0.741	-9.8	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64	T	Tetrachloroethene	0.434	0.484	-11.5	87	0.00
65	PM	Chlorobenzene	1.269	1.470	-15.8	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.484	0.568	-17.4	92	0.00
67	C	Ethyl Benzene	2.074	2.451	-18.2#	87	0.00
68	T	m/p-Xylenes	0.781	0.967	-23.8#	88	0.00
69	T	o-Xylene	0.764	0.933	-22.1#	88	0.00
70	T	Styrene	1.339	1.714	-28.0#	90	0.00
71	P	Bromoform	0.420	0.501	-19.3	91	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73	T	Isopropylbenzene	3.254	3.817	-17.3	91	0.00
74	T	N-amyl acetate	1.310	1.511	-15.3	85	0.00
75	P	1,1,2,2-Tetrachloroethane	1.317	1.433	-8.8	89	0.00
76	T	1,2,3-Trichloropropane	1.091	1.222	-12.0	92	0.00
77	T	Bromobenzene	0.910	1.040	-14.3	92	0.00
78	T	n-propylbenzene	3.758	4.414	-17.5	90	0.00
79	T	2-Chlorotoluene	2.293	2.658	-15.9	91	0.00
80	T	1,3,5-Trimethylbenzene	2.721	3.297	-21.2#	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.325	0.319	1.8	75	0.00
82	T	4-Chlorotoluene	2.639	3.090	-17.1	90	0.00
83	T	tert-Butylbenzene	2.722	3.229	-18.6	92	0.00
84	T	1,2,4-Trimethylbenzene	2.739	3.308	-20.8#	90	0.00
85	T	sec-Butylbenzene	3.214	3.851	-19.8	90	0.00
86	T	p-Isopropyltoluene	2.966	3.586	-20.9#	91	0.00
87	T	1,3-Dichlorobenzene	1.660	1.900	-14.5	92	0.00
88	T	1,4-Dichlorobenzene	1.732	1.929	-11.4	92	0.00
89	T	n-Butylbenzene	2.578	3.134	-21.6#	89	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.475	0.534	-12.4	90	0.00
91 T	1,2-Dichlorobenzene	1.632	1.861	-14.0	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.242	0.284	-17.4	86	0.00
93 T	1,2,4-Trichlorobenzene	0.964	1.249	-29.6#	87	0.00
94 T	Hexachlorobutadiene	0.571	0.612	-7.2	86	0.00
95 T	Naphthalene	2.598	3.320	-27.8#	81	0.00
96 T	1,2,3-Trichlorobenzene	1.004	1.247	-24.2#	88	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6