Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX091518\
Data File : VX004599.D
Acq On : 15 Sep 2018 22:13
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: Sep 17 08:47:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	93	0.00
2	T	Dichlorodifluoromethane	0.469	0.454	3.2	86	0.00
3	P	Chloromethane	0.645	0.582	9.8	89	0.00
4	C	Vinyl Chloride	0.662	0.643	2.9#	90	0.00
5	T	Bromomethane	0.316	0.247	21.8#	83	0.00
6	T	Chloroethane	0.428	0.407	4.9	91	0.00
7	T	Trichlorofluoromethane	0.877	0.812	7.4	90	0.00
8	T	Diethyl Ether	0.393	0.384	2.3	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.557	0.529	5.0	93	0.00
10	T	Methyl Iodide	0.612	0.448	26.8#	62	0.00
11	T	Tert butyl alcohol	0.154	0.145	5.8	91	0.00
12	CM	1,1-Dichloroethene	0.522	0.506	3.1#	93	0.00
13	T	Acrolein	0.061	0.067	-9.8	116	0.00
14	T	Allyl chloride	1.074	1.018	5.2	89	0.00
15	T	Acrylonitrile	0.370	0.363	1.9	97	0.00
16	T	Acetone	0.315	0.269	14.6	89	0.00
17	T	Carbon Disulfide	1.510	1.416	6.2	86	0.00
18	T	Methyl Acetate	0.883	0.867	1.8	98	0.00
19	T	Methyl tert-butyl Ether	1.833	1.814	1.0	96	0.00
20	T	Methylene Chloride	0.645	0.580	10.1	91	0.00
21	T	trans-1,2-Dichloroethene	0.577	0.540	6.4	91	0.00
22	T	Diisopropyl ether	1.934	1.884	2.6	93	0.00
23	T	Vinyl Acetate	1.565	1.578	-0.8	90	0.00
24	P	1,1-Dichloroethane	1.092	1.029	5.8	90	0.00
25	T	2-Butanone	0.501	0.453	9.6	91	0.00
26	T	2,2-Dichloropropane	0.750	0.654	12.8	85	0.00
27	T	cis-1,2-Dichloroethene	0.644	0.632	1.9	94	0.00
28	T	Bromochloromethane	0.500	0.490	2.0	95	0.00
29	T	Tetrahydrofuran	0.302	0.295	2.3	90	-0.01
30	C	Chloroform	1.066	1.040	2.4#	92	0.00
31	T	Cyclohexane	0.933	0.948	-1.6	89	0.00
32	T	1,1,1-Trichloroethane	0.859	0.851	0.9	95	0.00
33	S	1,2-Dichloroethane-d4	0.645	0.618	4.2	93	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35	S	Dibromofluoromethane	0.458	0.450	1.7	92	0.00
36	T	1,1-Dichloropropene	0.607	0.617	-1.6	95	0.00
37	T	Ethyl Acetate	0.690	0.672	2.6	91	0.00
38	T	Carbon Tetrachloride	0.593	0.596	-0.5	93	0.00
39	T	Methylcyclohexane	0.633	0.647	-2.2	91	0.00
40	TM	Benzene	1.801	1.828	-1.5	93	0.00
41	T	Methacrylonitrile	0.380	0.369	2.9	92	0.00
42	TM	1,2-Dichloroethane	0.597	0.559	6.4	93	0.00
43	T	Isopropyl Acetate	0.917	0.930	-1.4	96	0.00
44	TM	Trichloroethene	0.468	0.456	2.6	92	0.00
45	C	1,2-Dichloropropane	0.433	0.435	-0.5#	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	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.274	0.271	1.1	94	0.00
47	T	Bromodichloromethane	0.518	0.518	0.0	93	0.00
48	T	Methyl methacrylate	0.454	0.465	-2.4	91	0.00
49	T	1,4-Dioxane	0.011	0.011	0.0	90	0.00
50	S	Toluene-d8	1.534	1.498	2.3	93	0.00
51	T	4-Methyl-2-Pentanone	0.647	0.595	8.0	91	0.00
52	CM	Toluene	1.061	1.032	2.7#	89	0.00
53	T	t-1,3-Dichloropropene	0.605	0.610	-0.8	87	0.00
54	T	cis-1,3-Dichloropropene	0.617	0.635	-2.9	93	0.00
55	T	1,1,2-Trichloroethane	0.457	0.480	-5.0	97	0.00
56	T	Ethyl methacrylate	0.646	0.733	-13.5	97	0.00
57	T	1,3-Dichloropropane	0.742	0.743	-0.1	97	0.00
58	T	2-Chloroethyl Vinyl ether	0.297	0.322	-8.4	94	0.00
59	T	2-Hexanone	0.496	0.491	1.0	96	0.00
60	T	Dibromochloromethane	0.430	0.529	-23.0#	117	0.00
61	T	1,2-Dibromoethane	0.436	0.550	-26.1#	120	0.00
62	S	4-Bromofluorobenzene	0.548	0.547	0.2	97	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.624	0.631	-1.1	91	0.00
65	PM	Chlorobenzene	1.242	1.247	-0.4	96	0.00
66	T	1,1,1,2-Tetrachloroethane	0.428	0.442	-3.3	96	0.00
67	C	Ethyl Benzene	2.019	2.101	-4.1#	94	0.00
68	T	m/p-Xylenes	0.778	0.824	-5.9	93	0.00
69	T	o-Xylene	0.748	0.797	-6.6	95	0.00
70	T	Styrene	1.239	1.341	-8.2	94	0.00
71	P	Bromoform	0.352	0.365	-3.7	95	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
73	T	Isopropylbenzene	3.293	2.914	11.5	95	0.00
74	T	N-amyl acetate	1.386	1.202	13.3	95	0.00
75	P	1,1,2,2-Tetrachloroethane	1.062	0.912	14.1	101	0.00
76	T	1,2,3-Trichloropropane	1.006	0.898	10.7	101	0.00
77	T	Bromobenzene	0.910	0.773	15.1	97	0.00
78	T	n-propylbenzene	3.786	3.955	-4.5	112	0.00
79	T	2-Chlorotoluene	2.296	2.271	1.1	109	0.00
80	T	1,3,5-Trimethylbenzene	2.768	2.930	-5.9	112	0.00
81	T	trans-1,4-Dichloro-2-butene	0.316	0.261	17.4	90	0.00
82	T	4-Chlorotoluene	2.680	2.845	-6.2	116	0.00
83	T	tert-Butylbenzene	2.635	2.939	-11.5	121	0.00
84	T	1,2,4-Trimethylbenzene	2.826	3.157	-11.7	118	0.00
85	T	sec-Butylbenzene	3.358	3.713	-10.6	118	0.00
86	T	p-Isopropyltoluene	2.966	3.269	-10.2	116	0.00
87	T	1,3-Dichlorobenzene	1.698	1.788	-5.3	119	0.00
88	T	1,4-Dichlorobenzene	1.755	1.765	-0.6	116	0.00
89	T	n-Butylbenzene	2.703	2.873	-6.3	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.475	0.500	-5.3	118	0.00
91 T	1,2-Dichlorobenzene	1.719	1.784	-3.8	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.227	0.247	-8.8	117	0.00
93 T	1,2,4-Trichlorobenzene	1.217	1.339	-10.0	120	0.00
94 T	Hexachlorobutadiene	0.636	0.658	-3.5	119	0.00
95 T	Naphthalene	3.413	4.096	-20.0#	124	0.00
96 T	1,2,3-Trichlorobenzene	1.250	1.317	-5.4	117	0.00

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