Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX121018\
Data File : VX006409.D
Acq On : 11 Dec 2018 09:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 53 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: Dec 11 09:55:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 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	69	0.00
2	T	Dichlorodifluoromethane	0.490	0.492	-0.4	64	0.00
3	P	Chloromethane	0.503	0.469	6.8	63	0.00
4	C	Vinyl Chloride	0.541	0.518	4.3#	64	0.00
5	T	Bromomethane	0.375	0.439	-17.1	87	0.00
6	T	Chloroethane	0.332	0.323	2.7	65	0.00
7	T	Trichlorofluoromethane	0.831	0.806	3.0	66	0.00
8	T	Diethyl Ether	0.315	0.314	0.3	70	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.473	0.470	0.6	70	0.00
10	T	Methyl Iodide	0.712	0.721	-1.3	68	0.00
11	T	Tert butyl alcohol	0.140	0.134	4.3	68	0.00
12	CM	1,1-Dichloroethene	0.452	0.439	2.9#	69	0.00
13	T	Acrolein	0.076	0.067	11.8	63	0.00
14	T	Allyl chloride	0.894	0.749	16.2	58	0.00
15	T	Acrylonitrile	0.291	0.289	0.7	69	0.00
16	T	Acetone	0.240	0.236	1.7	69	0.00
17	T	Carbon Disulfide	1.394	1.107	20.6#	55	0.00
18	T	Methyl Acetate	0.801	0.821	-2.5	71	0.00
19	T	Methyl tert-butyl Ether	1.614	1.589	1.5	69	0.00
20	T	Methylene Chloride	0.510	0.503	1.4	72	0.00
21	T	trans-1,2-Dichloroethene	0.482	0.468	2.9	68	0.00
22	T	Diisopropyl ether	1.396	1.428	-2.3	72	0.00
23	T	Vinyl Acetate	1.191	1.154	3.1	67	0.00
24	P	1,1-Dichloroethane	0.798	0.815	-2.1	73	0.00
25	T	2-Butanone	0.342	0.353	-3.2	72	0.00
26	T	2,2-Dichloropropane	0.736	0.457	37.9#	44#	0.00
27	T	cis-1,2-Dichloroethene	0.538	0.562	-4.5	74	0.00
28	T	Bromochloromethane	0.349	0.376	-7.7	73	0.00
29	T	Tetrahydrofuran	0.238	0.238	0.0	70	0.00
30	C	Chloroform	0.838	0.883	-5.4#	75	0.00
31	T	Cyclohexane	0.737	0.702	4.7	67	0.00
32	T	1,1,1-Trichloroethane	0.798	0.796	0.3	71	0.00
33	S	1,2-Dichloroethane-d4	0.510	0.535	-4.9	74	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35	S	Dibromofluoromethane	0.324	0.318	1.9	73	0.00
36	T	1,1-Dichloropropene	0.421	0.395	6.2	70	0.00
37	T	Ethyl Acetate	0.472	0.439	7.0	70	0.00
38	T	Carbon Tetrachloride	0.495	0.445	10.1	67	0.00
39	T	Methylcyclohexane	0.547	0.498	9.0	68	0.00
40	TM	Benzene	1.261	1.234	2.1	73	0.00
41	T	Methacrylonitrile	0.259	0.240	7.3	71	0.00
42	TM	1,2-Dichloroethane	0.413	0.421	-1.9	76	0.00
43	T	Isopropyl Acetate	0.786	0.713	9.3	68	0.00
44	TM	Trichloroethene	0.382	0.363	5.0	71	0.00
45	C	1,2-Dichloropropane	0.321	0.306	4.7#	72	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.231	0.225	2.6	73	0.00
47	T	Bromodichloromethane	0.448	0.423	5.6	70	0.00
48	T	Methyl methacrylate	0.382	0.355	7.1	69	0.00
49	T	1,4-Dioxane	0.009	0.009	0.0	74	0.00
50	S	Toluene-d8	1.178	1.155	2.0	72	0.00
51	T	4-Methyl-2-Pentanone	0.458	0.439	4.1	70	0.00
52	CM	Toluene	0.830	0.818	1.4#	74	0.00
53	T	t-1,3-Dichloropropene	0.524	0.440	16.0	62	0.00
54	T	cis-1,3-Dichloropropene	0.544	0.472	13.2	65	0.00
55	T	1,1,2-Trichloroethane	0.337	0.346	-2.7	76	0.00
56	T	Ethyl methacrylate	0.527	0.518	1.7	73	0.00
57	T	1,3-Dichloropropane	0.533	0.544	-2.1	76	0.00
58	T	2-Chloroethyl Vinyl ether	0.267	0.255	4.5	72	0.00
59	T	2-Hexanone	0.350	0.329	6.0	70	0.00
60	T	Dibromochloromethane	0.416	0.384	7.7	69	0.00
61	T	1,2-Dibromoethane	0.377	0.372	1.3	74	0.00
62	S	4-Bromofluorobenzene	0.444	0.450	-1.4	73	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	74	0.00
64	T	Tetrachloroethene	0.377	0.362	4.0	74	0.00
65	PM	Chlorobenzene	1.061	1.035	2.5	73	0.00
66	T	1,1,1,2-Tetrachloroethane	0.412	0.383	7.0	70	0.00
67	C	Ethyl Benzene	1.765	1.704	3.5#	73	0.00
68	T	m/p-Xylenes	0.707	0.682	3.5	73	0.00
69	T	o-Xylene	0.698	0.678	2.9	74	0.00
70	T	Styrene	1.130	1.099	2.7	73	0.00
71	P	Bromoform	0.389	0.321	17.5	62	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
73	T	Isopropylbenzene	3.453	3.440	0.4	73	0.00
74	T	N-amyl acetate	1.487	1.317	11.4	67	0.00
75	P	1,1,2,2-Tetrachloroethane	1.105	1.076	2.6	74	0.00
76	T	1,2,3-Trichloropropane	0.965	0.981	-1.7	70	0.00
77	T	Bromobenzene	0.958	0.928	3.1	72	0.00
78	T	n-propylbenzene	3.838	3.795	1.1	73	0.00
79	T	2-Chlorotoluene	2.281	2.269	0.5	74	0.00
80	T	1,3,5-Trimethylbenzene	2.873	2.820	1.8	73	0.00
81	T	trans-1,4-Dichloro-2-butene	0.411	0.288	29.9#	52	0.00
82	T	4-Chlorotoluene	2.652	2.575	2.9	72	0.00
83	T	tert-Butylbenzene	3.065	2.972	3.0	72	0.00
84	T	1,2,4-Trimethylbenzene	2.967	2.944	0.8	75	0.00
85	T	sec-Butylbenzene	3.487	3.461	0.7	73	0.00
86	T	p-Isopropyltoluene	3.140	3.102	1.2	72	0.00
87	T	1,3-Dichlorobenzene	1.705	1.668	2.2	72	0.00
88	T	1,4-Dichlorobenzene	1.731	1.656	4.3	72	0.00
89	T	n-Butylbenzene	2.679	2.594	3.2	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.640	0.553	13.6	63	0.00
91 T	1,2-Dichlorobenzene	1.692	1.638	3.2	73	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.283	0.249	12.0	69	0.00
93 T	1,2,4-Trichlorobenzene	1.235	1.162	5.9	70	0.00
94 T	Hexachlorobutadiene	0.546	0.507	7.1	68	0.00
95 T	Naphthalene	3.840	3.805	0.9	74	0.00
96 T	1,2,3-Trichlorobenzene	1.223	1.181	3.4	72	0.00

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