Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX052419\
Data File : VX009901.D
Acq On : 24 May 2019 20:51
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_X
LabSampleId : VSTDCCC050

Quant Time: May 25 01:51:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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	86	0.00
2	T	Dichlorodifluoromethane	0.461	0.361	21.7#	68	0.00
3	P	Chloromethane	0.629	0.596	5.2	84	0.00
4	C	Vinyl Chloride	0.613	0.566	7.7#	81	0.00
5	T	Bromomethane	0.368	0.352	4.3	87	0.00
6	T	Chloroethane	0.394	0.375	4.8	85	0.00
7	T	Trichlorofluoromethane	0.746	0.679	9.0	80	0.00
8	T	Diethyl Ether	0.353	0.331	6.2	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.468	0.403	13.9	75	0.00
10	T	Methyl Iodide	0.483	0.454	6.0	76	0.00
11	T	Tert butyl alcohol	0.158	0.172	-8.9	96	0.00
12	CM	1,1-Dichloroethene	0.469	0.421	10.2#	77	0.00
13	T	Acrolein	0.143	0.121	15.4	75	0.00
14	T	Allyl chloride	1.143	1.084	5.2	84	0.00
15	T	Acrylonitrile	0.386	0.377	2.3	88	0.00
16	T	Acetone	0.367	0.342	6.8	84	0.00
17	T	Carbon Disulfide	1.317	1.213	7.9	79	0.00
18	T	Methyl Acetate	0.872	0.848	2.8	89	0.00
19	T	Methyl tert-butyl Ether	1.822	1.723	5.4	83	0.00
20	T	Methylene Chloride	0.593	0.529	10.8	81	0.00
21	T	trans-1,2-Dichloroethene	0.509	0.475	6.7	81	0.00
22	T	Diisopropyl ether	2.199	2.134	3.0	85	0.00
23	T	Vinyl Acetate	1.883	1.928	-2.4	87	0.00
24	P	1,1-Dichloroethane	1.085	1.000	7.8	82	0.00
25	T	2-Butanone	0.570	0.577	-1.2	89	0.00
26	T	2,2-Dichloropropane	0.807	0.650	19.5	70	0.00
27	T	cis-1,2-Dichloroethene	0.607	0.566	6.8	83	0.00
28	T	Bromochloromethane	0.487	0.523	-7.4	91	0.00
29	T	Tetrahydrofuran	0.366	0.381	-4.1	91	0.00
30	C	Chloroform	0.981	0.913	6.9#	83	0.00
31	T	Cyclohexane	1.009	0.945	6.3	81	0.00
32	T	1,1,1-Trichloroethane	0.817	0.750	8.2	81	0.00
33	S	1,2-Dichloroethane-d4	0.683	0.682	0.1	85	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.314	0.297	5.4	81	0.00
36	T	1,1-Dichloropropene	0.465	0.428	8.0	82	0.00
37	T	Ethyl Acetate	0.647	0.665	-2.8	91	0.00
38	T	Carbon Tetrachloride	0.422	0.385	8.8	81	0.00
39	T	Methylcyclohexane	0.571	0.508	11.0	78	0.00
40	TM	Benzene	1.438	1.326	7.8	82	0.00
41	T	Methacrylonitrile	0.385	0.374	2.9	88	0.00
42	TM	1,2-Dichloroethane	0.516	0.495	4.1	87	0.00
43	T	Isopropyl Acetate	1.036	1.054	-1.7	89	0.00
44	TM	Trichloroethene	0.348	0.328	5.7	85	0.00
45	C	1,2-Dichloropropane	0.407	0.383	5.9#	83	0.00

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Quant Title : SW846 8260
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Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.236	0.216	8.5	82	0.00
47	T	Bromodichloromethane	0.472	0.444	5.9	83	0.00
48	T	Methyl methacrylate	0.514	0.536	-4.3	91	0.00
49	T	1,4-Dioxane	0.010	0.010	0.0	84	0.00
50	S	Toluene-d8	1.269	1.218	4.0	81	0.00
51	T	4-Methyl-2-Pentanone	0.677	0.711	-5.0	92	0.00
52	CM	Toluene	0.874	0.810	7.3#	82	0.00
53	T	t-1,3-Dichloropropene	0.533	0.518	2.8	83	0.00
54	T	cis-1,3-Dichloropropene	0.589	0.559	5.1	81	0.00
55	T	1,1,2-Trichloroethane	0.357	0.327	8.4	81	0.00
56	T	Ethyl methacrylate	0.637	0.636	0.2	86	0.00
57	T	1,3-Dichloropropane	0.628	0.592	5.7	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.338	0.318	5.9	79	0.00
59	T	2-Hexanone	0.532	0.549	-3.2	90	0.00
60	T	Dibromochloromethane	0.348	0.327	6.0	81	0.00
61	T	1,2-Dibromoethane	0.360	0.339	5.8	83	0.00
62	S	4-Bromofluorobenzene	0.461	0.455	1.3	84	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.343	0.303	11.7	80	0.00
65	PM	Chlorobenzene	1.000	0.923	7.7	83	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.333	8.3	82	0.00
67	C	Ethyl Benzene	1.841	1.710	7.1#	83	0.00
68	T	m/p-Xylenes	0.673	0.628	6.7	82	0.00
69	T	o-Xylene	0.664	0.613	7.7	83	0.00
70	T	Styrene	1.154	1.086	5.9	82	0.00
71	P	Bromoform	0.295	0.282	4.4	84	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73	T	Isopropylbenzene	3.636	3.316	8.8	83	0.00
74	T	N-amyl acetate	2.120	2.122	-0.1	88	0.00
75	P	1,1,2,2-Tetrachloroethane	1.355	1.258	7.2	85	0.00
76	T	1,2,3-Trichloropropane	1.160	1.102	5.0	86	0.00
77	T	Bromobenzene	0.902	0.816	9.5	83	0.00
78	T	n-propylbenzene	4.152	3.857	7.1	83	0.00
79	T	2-Chlorotoluene	2.562	2.304	10.1	84	0.00
80	T	1,3,5-Trimethylbenzene	3.061	2.832	7.5	84	0.00
81	T	trans-1,4-Dichloro-2-butene	0.453	0.417	7.9	80	0.00
82	T	4-Chlorotoluene	2.894	2.684	7.3	85	0.00
83	T	tert-Butylbenzene	2.978	2.712	8.9	83	0.00
84	T	1,2,4-Trimethylbenzene	3.073	2.849	7.3	83	0.00
85	T	sec-Butylbenzene	3.531	3.225	8.7	82	0.00
86	T	p-Isopropyltoluene	3.174	2.950	7.1	82	0.00
87	T	1,3-Dichlorobenzene	1.609	1.473	8.5	83	0.00
88	T	1,4-Dichlorobenzene	1.622	1.466	9.6	83	0.00
89	T	n-Butylbenzene	2.869	2.723	5.1	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.541	0.502	7.2	82	0.00
91 T	1,2-Dichlorobenzene	1.639	1.461	10.9	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.304	0.286	5.9	82	0.00
93 T	1,2,4-Trichlorobenzene	1.121	1.035	7.7	81	0.00
94 T	Hexachlorobutadiene	0.572	0.520	9.1	82	0.00
95 T	Naphthalene	3.646	3.398	6.8	81	0.00
96 T	1,2,3-Trichlorobenzene	1.136	1.051	7.5	82	0.00

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