Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051419\
Data File : VD062339.D
Acq On : 14 May 2019 11:14
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: May 14 12:09:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 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	78	0.04
2	T	Dichlorodifluoromethane	0.478	0.501	-4.8	81	0.01
3	P	Chloromethane	0.346	0.308	11.0	73	0.02
4	C	Vinyl Chloride	0.340	0.332	2.4#	73	0.02
5	T	Bromomethane	0.080	0.121	-51.2#	111	0.01
6	T	Chloroethane	0.142	0.175	-23.2#	88	0.02
7	T	Trichlorofluoromethane	0.660	0.865	-31.1#	101	0.02
8	T	Diethyl Ether	0.127	0.107	15.7	65	0.03
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.524	-5.0	79	0.02
10	T	Methyl Iodide	0.755	0.631	16.4	64	0.02
11	T	Tert butyl alcohol	0.024	0.025	-4.2	85	0.05
12	CM	1,1-Dichloroethene	0.381	0.385	-1.0#	73	0.02
13	T	Acrolein	0.025	0.026	-4.0	88	0.03
14	T	Allyl chloride	0.554	0.546	1.4	74	0.04
15	T	Acrylonitrile	0.062	0.061	1.6	78	0.04
16	T	Acetone	0.097	0.130	-34.0#	101	0.04
17	T	Carbon Disulfide	1.097	1.012	7.7	70	0.02
18	T	Methyl Acetate	0.191	0.175	8.4	81	0.03
19	T	Methyl tert-butyl Ether	0.817	0.871	-6.6	82	0.04
20	T	Methylene Chloride	0.407	0.380	6.6	75	0.03
21	T	trans-1,2-Dichloroethene	0.424	0.440	-3.8	76	0.03
22	T	Diisopropyl ether	1.180	1.246	-5.6	82	0.04
23	T	Vinyl Acetate	0.622	0.737	-18.5	89	0.05
24	P	1,1-Dichloroethane	0.712	0.738	-3.7	83	0.04
25	T	2-Butanone	0.106	0.119	-12.3	91	0.05
26	T	2,2-Dichloropropane	0.709	0.849	-19.7	97	0.04
27	T	cis-1,2-Dichloroethene	0.475	0.487	-2.5	82	0.04
28	T	Bromochloromethane	0.280	0.342	-22.1#	97	0.04
29		Tetrahydrofuran	0.049	0.049	0.0	84	0.05
30	C	Chloroform	0.858	0.979	-14.1#	89	0.04
31	T	Cyclohexane	0.488	0.474	2.9	74	0.04
32	T	1,1,1-Trichloroethane	0.811	0.972	-19.9	92	0.04
33	S	1,2-Dichloroethane-d4	0.465	0.509	-9.5	84	0.04
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.04
35	S	Dibromofluoromethane	0.415	0.429	-3.4	73	0.05
36	T	1,1-Dichloropropene	0.410	0.456	-11.2	84	0.04
37	T	Ethyl Acetate	0.174	0.185	-6.3	79	0.04
38	T	Carbon Tetrachloride	0.567	0.794	-40.0#	104	0.04
39	T	Methylcyclohexane	0.393	0.400	-1.8	74	0.03
40	TM	Benzene	0.926	0.940	-1.5	77	0.03
41	T	Methacrylonitrile	0.212	0.237	-11.8	86	0.04
42	TM	1,2-Dichloroethane	0.392	0.465	-18.6	89	0.04
43	T	Isopropyl Acetate	0.247	0.250	-1.2	77	0.04
44	TM	Trichloroethene	0.353	0.362	-2.5	75	0.04
45	C	1,2-Dichloropropane	0.229	0.235	-2.6#	78	0.03

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

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.186	0.208	-11.8	84	0.04
47	T	Bromodichloromethane	0.455	0.585	-28.6#	96	0.04
48	T	Methyl methacrylate	0.152	0.158	-3.9	80	0.04
49	T	1,4-Dioxane	0.002	0.002	0.0	73	0.04
50	S	Toluene-d8	1.000	0.959	4.1	67	0.02
51	T	4-Methyl-2-Pentanone	0.158	0.169	-7.0	83	0.03
52	CM	Toluene	0.602	0.617	-2.5#	77	0.03
53	T	t-1,3-Dichloropropene	0.394	0.441	-11.9	83	0.03
54	T	cis-1,3-Dichloropropene	0.429	0.471	-9.8	79	0.03
55	T	1,1,2-Trichloroethane	0.213	0.227	-6.6	77	0.03
56	T	Ethyl methacrylate	0.221	0.223	-0.9	72	0.02
57	T	1,3-Dichloropropane	0.322	0.335	-4.0	73	0.03
58	T	2-Chloroethyl Vinyl ether	0.121	0.137	-13.2	84	0.03
59	T	2-Hexanone	0.117	0.140	-19.7	92	0.02
60	T	Dibromochloromethane	0.368	0.419	-13.9	84	0.03
61	T	1,2-Dibromoethane	0.259	0.265	-2.3	78	0.02
62	S	4-Bromofluorobenzene	0.402	0.423	-5.2	73	0.02
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.02
64	T	Tetrachloroethene	0.391	0.384	1.8	79	0.04
65	PM	Chlorobenzene	0.931	0.903	3.0	82	0.02
66	T	1,1,1,2-Tetrachloroethane	0.405	0.432	-6.7	83	0.02
67	C	Ethyl Benzene	1.559	1.653	-6.0#	83	0.02
68	T	m/p-Xylenes	0.567	0.536	5.5	72	0.02
69	T	o-Xylene	0.527	0.500	5.1	75	0.02
70	T	Styrene	0.893	0.888	0.6	81	0.02
71	P	Bromoform	0.282	0.275	2.5	76	0.02
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.01
73	T	Isopropylbenzene	2.997	3.086	-3.0	80	0.01
74	T	N-amyl acetate	0.786	0.774	1.5	78	0.02
75	P	1,1,2,2-Tetrachloroethane	0.567	0.492	13.2	71	0.01
76	T	1,2,3-Trichloropropane	0.594	0.578	2.7	81	0.02
77	T	Bromobenzene	0.839	0.824	1.8	82	0.01
78	T	n-propylbenzene	3.575	3.453	3.4	79	0.02
79	T	2-Chlorotoluene	2.048	2.018	1.5	79	0.02
80	T	1,3,5-Trimethylbenzene	2.524	2.611	-3.4	83	0.01
81	T	trans-1,4-Dichloro-2-butene	0.168	0.161	4.2	73	0.01
82	T	4-Chlorotoluene	2.410	2.572	-6.7	85	0.01
83	T	tert-Butylbenzene	2.837	2.862	-0.9	78	0.02
84	T	1,2,4-Trimethylbenzene	2.533	2.639	-4.2	83	0.02
85	T	sec-Butylbenzene	3.110	3.075	1.1	79	0.01
86	T	p-Isopropyltoluene	2.779	2.935	-5.6	79	0.02
87	T	1,3-Dichlorobenzene	1.533	1.490	2.8	77	0.01
88	T	1,4-Dichlorobenzene	1.506	1.408	6.5	77	0.01
89	T	n-Butylbenzene	2.494	2.844	-14.0	94	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.756	0.756	0.0	78	0.01
91 T	1,2-Dichlorobenzene	1.262	1.309	-3.7	87	0.02
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.105	-12.9	90	0.01
93 T	1,2,4-Trichlorobenzene	0.919	0.995	-8.3	91	0.01
94 T	Hexachlorobutadiene	0.683	0.777	-13.8	92	0.02
95 T	Naphthalene	1.283	1.336	-4.1	82	0.01
96 T	1,2,3-Trichlorobenzene	0.578	0.700	-21.1#	97	0.01

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