Evaluate Continuing Calibration Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051019\
Data File : VD062206.D
Acq On : 10 May 2019 10:32
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 10 23:41:21 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	99	0.02
2	T	Dichlorodifluoromethane	0.478	0.446	6.7	91	0.00
3	P	Chloromethane	0.346	0.272	21.4#	81	0.01
4	C	Vinyl Chloride	0.340	0.310	8.8#	87	0.01
5	T	Bromomethane	0.080	0.098	-22.5#	114	0.01
6	T	Chloroethane	0.142	0.144	-1.4	91	0.02
7	T	Trichlorofluoromethane	0.660	0.684	-3.6	101	0.01
8	T	Diethyl Ether	0.127	0.114	10.2	87	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.472	5.4	90	0.01
10	T	Methyl Iodide	0.755	0.660	12.6	85	0.01
11	T	Tert butyl alcohol	0.024	0.023	4.2	97	0.02
12	CM	1,1-Dichloroethene	0.381	0.370	2.9#	88	0.01
13	T	Acrolein	0.025	0.024	4.0	99	0.01
14	T	Allyl chloride	0.554	0.496	10.5	85	0.02
15	T	Acrylonitrile	0.062	0.054	12.9	88	0.02
16	T	Acetone	0.097	0.106	-9.3	105	0.02
17	T	Carbon Disulfide	1.097	1.064	3.0	93	0.01
18	T	Methyl Acetate	0.191	0.149	22.0#	87	0.01
19	T	Methyl tert-butyl Ether	0.817	0.744	8.9	89	0.02
20	T	Methylene Chloride	0.407	0.380	6.6	95	0.02
21	T	trans-1,2-Dichloroethene	0.424	0.395	6.8	87	0.02
22	T	Diisopropyl ether	1.180	1.114	5.6	93	0.02
23	T	Vinyl Acetate	0.622	0.633	-1.8	97	0.03
24	P	1,1-Dichloroethane	0.712	0.669	6.0	95	0.01
25	T	2-Butanone	0.106	0.105	0.9	102	0.02
26	T	2,2-Dichloropropane	0.709	0.722	-1.8	104	0.02
27	T	cis-1,2-Dichloroethene	0.475	0.455	4.2	97	0.02
28	T	Bromochloromethane	0.280	0.279	0.4	100	0.02
29		Tetrahydrofuran	0.049	0.044	10.2	95	0.03
30	C	Chloroform	0.858	0.812	5.4#	94	0.02
31	T	Cyclohexane	0.488	0.477	2.3	94	0.02
32	T	1,1,1-Trichloroethane	0.811	0.784	3.3	93	0.02
33	S	1,2-Dichloroethane-d4	0.465	0.467	-0.4	97	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.02
35	S	Dibromofluoromethane	0.415	0.428	-3.1	91	0.03
36	T	1,1-Dichloropropene	0.410	0.420	-2.4	97	0.02
37	T	Ethyl Acetate	0.174	0.168	3.4	89	0.02
38	T	Carbon Tetrachloride	0.567	0.597	-5.3	97	0.02
39	T	Methylcyclohexane	0.393	0.398	-1.3	91	0.01
40	TM	Benzene	0.926	0.896	3.2	91	0.02
41	T	Methacrylonitrile	0.212	0.210	0.9	95	0.01
42	TM	1,2-Dichloroethane	0.392	0.404	-3.1	96	0.02
43	T	Isopropyl Acetate	0.247	0.244	1.2	93	0.02
44	TM	Trichloroethene	0.353	0.356	-0.8	92	0.02
45	C	1,2-Dichloropropane	0.229	0.218	4.8#	89	0.02

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Quant Time: May 10 23:41:21 2019
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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	0.186	0.184	1.1	92	0.02
47	T	Bromodichloromethane	0.455	0.463	-1.8	95	0.02
48	T	Methyl methacrylate	0.152	0.147	3.3	93	0.02
49	T	1,4-Dioxane	0.002	0.001	50.0#	87	0.02
50	S	Toluene-d8	1.000	0.971	2.9	84	0.01
51	T	4-Methyl-2-Pentanone	0.158	0.148	6.3	91	0.02
52	CM	Toluene	0.602	0.577	4.2#	89	0.01
53	T	t-1,3-Dichloropropene	0.394	0.405	-2.8	94	0.01
54	T	cis-1,3-Dichloropropene	0.429	0.445	-3.7	93	0.01
55	T	1,1,2-Trichloroethane	0.213	0.210	1.4	88	0.01
56	T	Ethyl methacrylate	0.221	0.222	-0.5	90	0.01
57	T	1,3-Dichloropropane	0.322	0.321	0.3	87	0.01
58	T	2-Chloroethyl Vinyl ether	0.121	0.122	-0.8	92	0.01
59	T	2-Hexanone	0.117	0.117	0.0	95	0.01
60	T	Dibromochloromethane	0.368	0.371	-0.8	92	0.02
61	T	1,2-Dibromoethane	0.259	0.258	0.4	94	0.01
62	S	4-Bromofluorobenzene	0.402	0.394	2.0	84	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.01
64	T	Tetrachloroethene	0.391	0.388	0.8	93	0.02
65	PM	Chlorobenzene	0.931	0.910	2.3	96	0.01
66	T	1,1,1,2-Tetrachloroethane	0.405	0.387	4.4	87	0.01
67	C	Ethyl Benzene	1.559	1.445	7.3#	85	0.01
68	T	m/p-Xylenes	0.567	0.559	1.4	87	0.00
69	T	o-Xylene	0.527	0.533	-1.1	93	0.01
70	T	Styrene	0.893	0.945	-5.8	101	0.00
71	P	Bromoform	0.282	0.275	2.5	89	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	2.997	3.132	-4.5	93	0.00
74	T	N-amyl acetate	0.786	0.776	1.3	90	0.01
75	P	1,1,2,2-Tetrachloroethane	0.567	0.556	1.9	92	0.00
76	T	1,2,3-Trichloropropane	0.594	0.519	12.6	84	0.01
77	T	Bromobenzene	0.839	0.879	-4.8	101	0.00
78	T	n-propylbenzene	3.575	3.696	-3.4	97	0.01
79	T	2-Chlorotoluene	2.048	1.918	6.3	86	0.00
80	T	1,3,5-Trimethylbenzene	2.524	2.556	-1.3	93	0.00
81	T	trans-1,4-Dichloro-2-butene	0.168	0.162	3.6	84	0.00
82	T	4-Chlorotoluene	2.410	2.411	-0.0	91	0.00
83	T	tert-Butylbenzene	2.837	2.944	-3.8	92	0.01
84	T	1,2,4-Trimethylbenzene	2.533	2.539	-0.2	92	0.01
85	T	sec-Butylbenzene	3.110	3.083	0.9	90	0.00
86	T	p-Isopropyltoluene	2.779	2.679	3.6	82	0.01
87	T	1,3-Dichlorobenzene	1.533	1.406	8.3	84	0.00
88	T	1,4-Dichlorobenzene	1.506	1.520	-0.9	95	0.00
89	T	n-Butylbenzene	2.494	2.487	0.3	94	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.756	0.772	-2.1	91	0.00
91 T	1,2-Dichlorobenzene	1.262	1.218	3.5	93	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.093	0.0	92	0.00
93 T	1,2,4-Trichlorobenzene	0.919	0.831	9.6	87	0.00
94 T	Hexachlorobutadiene	0.683	0.623	8.8	84	0.01
95 T	Naphthalene	1.283	1.061	17.3	74	0.00
96 T	1,2,3-Trichlorobenzene	0.578	0.435	24.7#	69	0.00

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