Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD061319\
Data File : VD062701.D
Acq On : 13 Jun 2019 18:43
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jun 14 07:35:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 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	0.02
2	T	Dichlorodifluoromethane	0.643	0.488	24.1#	77	0.00
3	P	Chloromethane	0.495	0.422	14.7	77	0.01
4	C	Vinyl Chloride	0.510	0.437	14.3#	78	0.00
5	T	Bromomethane	0.258	0.279	-8.1	93	0.00
6	T	Chloroethane	0.252	0.223	11.5	75	0.01
7	T	Trichlorofluoromethane	1.142	1.089	4.6	83	0.01
8	T	Diethyl Ether	0.155	0.133	14.2	74	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.616	0.599	2.8	82	0.01
10	T	Methyl Iodide	0.789	0.662	16.1	72	0.02
11	T	Tert butyl alcohol	0.030	0.027	10.0	88	0.02
12	CM	1,1-Dichloroethene	0.442	0.429	2.9#	79	0.01
13	T	Acrolein	0.010	0.006	40.0#	52	0.01
14	T	Allyl chloride	0.680	0.653	4.0	82	0.02
15	T	Acrylonitrile	0.067	0.065	3.0	85	0.00
16	T	Acetone	0.132	0.127	3.8	77	0.01
17	T	Carbon Disulfide	1.302	1.167	10.4	78	0.02
18	T	Methyl Acetate	0.217	0.186	14.3	84	0.01
19	T	Methyl tert-butyl Ether	1.078	1.059	1.8	84	0.01
20	T	Methylene Chloride	0.548	0.435	20.6#	82	0.02
21	T	trans-1,2-Dichloroethene	0.485	0.460	5.2	87	0.02
22	T	Diisopropyl ether	1.411	1.368	3.0	84	0.02
23	T	Vinyl Acetate	0.875	0.862	1.5	80	0.01
24	P	1,1-Dichloroethane	0.908	0.849	6.5	81	0.02
25	T	2-Butanone	0.129	0.117	9.3	75	0.01
26	T	2,2-Dichloropropane	1.046	0.988	5.5	84	0.01
27	T	cis-1,2-Dichloroethene	0.526	0.502	4.6	82	0.02
28	T	Bromochloromethane	0.347	0.357	-2.9	91	0.01
29		Tetrahydrofuran	0.058	0.052	10.3	75	0.02
30	C	Chloroform	1.165	1.169	-0.3#	87	0.01
31	T	Cyclohexane	0.569	0.535	6.0	81	0.02
32	T	1,1,1-Trichloroethane	1.159	1.204	-3.9	90	0.01
33	S	1,2-Dichloroethane-d4	0.721	0.713	1.1	90	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.01
35	S	Dibromofluoromethane	0.527	0.556	-5.5	100	0.02
36	T	1,1-Dichloropropene	0.572	0.527	7.9	82	0.01
37	T	Ethyl Acetate	0.253	0.223	11.9	84	0.02
38	T	Carbon Tetrachloride	0.904	0.865	4.3	80	0.02
39	T	Methylcyclohexane	0.462	0.464	-0.4	85	0.02
40	TM	Benzene	1.118	1.030	7.9	80	0.02
41	T	Methacrylonitrile	0.300	0.270	10.0	77	0.01
42	TM	1,2-Dichloroethane	0.666	0.664	0.3	82	0.01
43	T	Isopropyl Acetate	0.302	0.298	1.3	83	0.01
44	TM	Trichloroethene	0.454	0.426	6.2	80	0.00
45	C	1,2-Dichloropropane	0.268	0.260	3.0#	79	0.01

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Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Jun 14 07:35:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
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	0.238	0.256	-7.6	89	0.02
47	T	Bromodichloromethane	0.648	0.713	-10.0	96	0.01
48	T	Methyl methacrylate	0.218	0.206	5.5	80	0.02
49	T	1,4-Dioxane	0.002	0.002	0.0	84	0.02
50	S	Toluene-d8	1.109	1.117	-0.7	95	0.01
51	T	4-Methyl-2-Pentanone	0.211	0.203	3.8	81	0.01
52	CM	Toluene	0.751	0.745	0.8#	81	0.01
53	T	t-1,3-Dichloropropene	0.531	0.574	-8.1	89	0.01
54	T	cis-1,3-Dichloropropene	0.549	0.562	-2.4	85	0.01
55	T	1,1,2-Trichloroethane	0.258	0.259	-0.4	86	0.01
56	T	Ethyl methacrylate	0.275	0.288	-4.7	84	0.01
57	T	1,3-Dichloropropane	0.399	0.429	-7.5	94	0.01
58	T	2-Chloroethyl Vinyl ether	0.138	0.132	4.3	95	0.02
59	T	2-Hexanone	0.157	0.163	-3.8	85	0.00
60	T	Dibromochloromethane	0.509	0.527	-3.5	84	0.01
61	T	1,2-Dibromoethane	0.308	0.323	-4.9	86	0.01
62	S	4-Bromofluorobenzene	0.518	0.573	-10.6	97	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.01
64	T	Tetrachloroethene	0.468	0.522	-11.5	88	0.01
65	PM	Chlorobenzene	1.106	1.072	3.1	78	0.00
66	T	1,1,1,2-Tetrachloroethane	0.527	0.551	-4.6	84	0.01
67	C	Ethyl Benzene	1.961	2.069	-5.5#	88	0.01
68	T	m/p-Xylenes	0.689	0.703	-2.0	84	0.01
69	T	o-Xylene	0.633	0.644	-1.7	84	0.00
70	T	Styrene	1.130	1.169	-3.5	84	0.01
71	P	Bromoform	0.362	0.373	-3.0	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73	T	Isopropylbenzene	3.524	3.619	-2.7	91	0.00
74	T	N-amyl acetate	0.952	0.983	-3.3	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.603	0.622	-3.2	81	0.00
76	T	1,2,3-Trichloropropane	0.678	0.678	0.0	83	0.01
77	T	Bromobenzene	1.007	1.022	-1.5	82	0.00
78	T	n-propylbenzene	4.314	4.314	0.0	80	0.01
79	T	2-Chlorotoluene	2.526	2.615	-3.5	80	0.01
80	T	1,3,5-Trimethylbenzene	3.115	3.205	-2.9	88	0.00
81	T	trans-1,4-Dichloro-2-butene	0.178	0.177	0.6	78	0.00
82	T	4-Chlorotoluene	3.021	3.130	-3.6	89	0.00
83	T	tert-Butylbenzene	3.435	3.537	-3.0	78	0.00
84	T	1,2,4-Trimethylbenzene	3.084	3.241	-5.1	81	0.00
85	T	sec-Butylbenzene	3.602	3.697	-2.6	82	0.00
86	T	p-Isopropyltoluene	3.507	3.723	-6.2	82	0.01
87	T	1,3-Dichlorobenzene	1.825	1.945	-6.6	84	0.00
88	T	1,4-Dichlorobenzene	1.725	1.699	1.5	82	0.00
89	T	n-Butylbenzene	3.155	3.189	-1.1	78	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.926	0.989	-6.8	87	0.00
91 T	1,2-Dichlorobenzene	1.517	1.557	-2.6	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.135	-4.7	85	0.01
93 T	1,2,4-Trichlorobenzene	1.143	1.230	-7.6	86	0.00
94 T	Hexachlorobutadiene	0.896	0.978	-9.2	89	0.01
95 T	Naphthalene	1.617	1.752	-8.3	85	0.00
96 T	1,2,3-Trichlorobenzene	0.874	0.992	-13.5	88	0.00

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