Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\vv061620\
Data File : VY002901.D
Acq On : 16 Jun 2020 11:22
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Jun 17 02:22:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
Quant Title : SW846 8260
QLast Update : Wed May 27 13:13:33 2020
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	1.000	1.000	0.0	84	0.00
2	T	Dichlorodifluoromethane	0.344	0.308	10.5	81	0.00
3	P	Chloromethane	0.381	0.350	8.1	84	0.00
4	C	Vinyl Chloride	0.402	0.393	2.2#	87	0.00
5	T	Bromomethane	0.301	0.265	12.0	79	0.00
6	T	Chloroethane	0.261	0.243	6.9	82	0.00
7	T	Trichlorofluoromethane	0.712	0.701	1.5	85	0.00
8	T	Diethyl Ether	0.278	0.247	11.2	79	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.423	0.423	0.0	84	0.00
10	T	Methyl Iodide	0.592	0.570	3.7	77	0.00
11	T	Tert butyl alcohol	0.054	0.039	27.8#	72	0.01
12	CM	1,1-Dichloroethene	0.425	0.415	2.4#	83	0.00
13	T	Acrolein	0.051	0.041	19.6	71	0.00
14	T	Allyl chloride	0.610	0.580	4.9	79	0.00
15	T	Acrylonitrile	0.125	0.121	3.2	81	0.00
16	T	Acetone	0.102	0.122	-19.6	97	0.00
17	T	Carbon Disulfide	1.285	1.103	14.2	74	0.00
18	T	Methyl Acetate	0.276	0.247	10.5	81	0.00
19	T	Methyl tert-butyl Ether	1.174	1.171	0.3	84	0.00
20	T	Methylene Chloride	0.497	0.477	4.0	85	0.00
21	T	trans-1,2-Dichloroethene	0.478	0.452	5.4	81	0.00
22	T	Diisopropyl ether	1.268	1.222	3.6	81	0.00
23	T	Vinyl Acetate	0.837	0.823	1.7	80	0.00
24	P	1,1-Dichloroethane	0.742	0.735	0.9	83	0.00
25	T	2-Butanone	0.159	0.160	-0.6	84	0.00
26	T	2,2-Dichloropropane	0.711	0.704	1.0	87	0.00
27	T	cis-1,2-Dichloroethene	0.536	0.519	3.2	83	0.00
28	T	Bromochloromethane	0.304	0.285	6.3	79	0.00
29	T	Tetrahydrofuran	0.103	0.096	6.8	77	0.00
30	C	Chloroform	0.787	0.794	-0.9#	85	0.00
31	T	Cyclohexane	0.736	0.642	12.8	78	0.00
32	T	1,1,1-Trichloroethane	0.733	0.744	-1.5	86	0.00
33	S	1,2-Dichloroethane-d4	0.434	0.416	4.1	81	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35	S	Dibromofluoromethane	0.293	0.294	-0.3	81	0.00
36	T	1,1-Dichloropropene	0.421	0.411	2.4	82	0.00
37	T	Ethyl Acetate	0.229	0.221	3.5	79	0.00
38	T	Carbon Tetrachloride	0.468	0.478	-2.1	86	0.00
39	T	Methylcyclohexane	0.555	0.532	4.1	81	0.00
40	TM	Benzene	1.245	1.236	0.7	83	0.00
41	T	Methacrylonitrile	0.123	0.136	-10.6	95	0.00
42	TM	1,2-Dichloroethane	0.349	0.346	0.9	83	0.00
43	T	Isopropyl Acetate	0.434	0.430	0.9	81	0.00
44	TM	Trichloroethene	0.393	0.388	1.3	82	0.00
45	C	1,2-Dichloropropane	0.298	0.302	-1.3#	84	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.177	0.175	1.1	82	0.00
47	T	Bromodichloromethane	0.418	0.434	-3.8	85	0.00
48	T	Methyl methacrylate	0.196	0.191	2.6	80	0.00
49	T	1,4-Dioxane	0.003	0.002	33.3#	75	0.00
50	S	Toluene-d8	1.185	1.149	3.0	80	0.00
51	T	4-Methyl-2-Pentanone	0.230	0.233	-1.3	83	0.00
52	CM	Toluene	0.814	0.816	-0.2#	83	0.00
53	T	t-1,3-Dichloropropene	0.456	0.472	-3.5	85	0.00
54	T	cis-1,3-Dichloropropene	0.517	0.527	-1.9	84	0.00
55	T	1,1,2-Trichloroethane	0.271	0.273	-0.7	83	0.00
56	T	Ethyl methacrylate	0.363	0.371	-2.2	83	0.00
57	T	1,3-Dichloropropane	0.446	0.444	0.4	83	0.00
58	T	2-Chloroethyl Vinyl ether	0.178	0.176	1.1	83	0.00
59	T	2-Hexanone	0.163	0.170	-4.3	84	0.00
60	T	Dibromochloromethane	0.344	0.356	-3.5	85	0.00
61	T	1,2-Dibromoethane	0.268	0.268	0.0	82	0.00
62	S	4-Bromofluorobenzene	0.405	0.409	-1.0	82	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64	T	Tetrachloroethene	0.454	0.437	3.7	81	0.00
65	PM	Chlorobenzene	0.988	1.003	-1.5	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.372	0.386	-3.8	86	0.00
67	C	Ethyl Benzene	1.713	1.743	-1.8#	86	0.00
68	T	m/p-Xylenes	0.664	0.677	-2.0	85	0.00
69	T	o-Xylene	0.627	0.647	-3.2	86	0.00
70	T	Styrene	1.087	1.132	-4.1	86	0.00
71	P	Bromoform	0.249	0.265	-6.4	88	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	3.204	3.187	0.5	87	0.00
74	T	N-amyl acetate	0.822	0.789	4.0	81	0.00
75	P	1,1,2,2-Tetrachloroethane	0.562	0.576	-2.5	88	0.00
76	T	1,2,3-Trichloropropane	0.451	0.458	-1.6	88	0.00
77	T	Bromobenzene	0.834	0.811	2.8	85	0.00
78	T	n-propylbenzene	3.701	3.628	2.0	85	0.00
79	T	2-Chlorotoluene	2.076	2.039	1.8	86	0.00
80	T	1,3,5-Trimethylbenzene	2.675	2.672	0.1	86	0.00
81	T	trans-1,4-Dichloro-2-butene	0.239	0.236	1.3	84	0.00
82	T	4-Chlorotoluene	2.175	2.126	2.3	85	0.00
83	T	tert-Butylbenzene	2.386	2.377	0.4	86	0.00
84	T	1,2,4-Trimethylbenzene	2.690	2.703	-0.5	87	0.00
85	T	sec-Butylbenzene	3.263	3.262	0.0	87	0.00
86	T	p-Isopropyltoluene	3.036	3.056	-0.7	87	0.00
87	T	1,3-Dichlorobenzene	1.580	1.565	0.9	87	0.00
88	T	1,4-Dichlorobenzene	1.581	1.580	0.1	88	0.00
89	T	n-Butylbenzene	2.757	2.755	0.1	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.568	0.575	-1.2	87	0.00
91 T	1,2-Dichlorobenzene	1.433	1.442	-0.6	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.109	-0.9	87	0.00
93 T	1,2,4-Trichlorobenzene	1.080	1.077	0.3	87	0.00
94 T	Hexachlorobutadiene	0.613	0.620	-1.1	88	0.00
95 T	Naphthalene	2.166	2.158	0.4	86	0.00
96 T	1,2,3-Trichlorobenzene	0.965	0.958	0.7	88	0.00

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