Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY042320\
Data File : VY002475.D
Acq On : 23 Apr 2020 21:07
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_Y
LabSampleId : VSTDCCC050

Quant Time: Apr 24 02:29:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 14:11:26 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	105	0.00
2	T	Dichlorodifluoromethane	0.366	0.370	-1.1	108	0.00
3	P	Chloromethane	0.466	0.455	2.4	105	0.00
4	C	Vinyl Chloride	0.335	0.308	8.1#	115	0.00
5	T	Bromomethane	0.188	0.213	-13.3	130	0.00
6	T	Chloroethane	0.176	0.160	9.1	105	0.00
7	T	Trichlorofluoromethane	0.607	0.569	6.3	88	0.00
8	T	Diethyl Ether	0.250	0.212	15.2	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.418	0.456	-9.1	109	0.00
10	T	Methyl Iodide	0.644	0.696	-8.1	110	0.00
11	T	Tert butyl alcohol	0.041	0.049	-19.5	148	0.00
12	CM	1,1-Dichloroethene	0.428	0.468	-9.3#	111	0.00
13	T	Acrolein	0.033	0.038	-15.2	119	0.00
14	T	Allyl chloride	0.629	0.691	-9.9	117	0.00
15	T	Acrylonitrile	0.120	0.141	-17.5	131	0.00
16	T	Acetone	0.091	0.105	-15.4	125	0.00
17	T	Carbon Disulfide	1.335	1.411	-5.7	110	0.00
18	T	Methyl Acetate	0.294	0.340	-15.6	135	0.00
19	T	Methyl tert-butyl Ether	1.155	1.329	-15.1	125	0.00
20	T	Methylene Chloride	0.521	0.528	-1.3	120	0.00
21	T	trans-1,2-Dichloroethene	0.482	0.520	-7.9	116	0.00
22	T	Diisopropyl ether	1.244	1.377	-10.7	122	0.00
23	T	Vinyl Acetate	0.790	0.924	-17.0	128	0.00
24	P	1,1-Dichloroethane	0.753	0.820	-8.9	115	0.00
25	T	2-Butanone	0.140	0.168	-20.0	139	0.00
26	T	2,2-Dichloropropane	0.720	0.703	2.4	104	0.00
27	T	cis-1,2-Dichloroethene	0.524	0.571	-9.0	117	0.00
28	T	Bromochloromethane	0.294	0.310	-5.4	114	0.00
29	T	Tetrahydrofuran	0.093	0.111	-19.4	138	0.00
30	C	Chloroform	0.802	0.861	-7.4#	115	0.00
31	T	Cyclohexane	0.753	0.720	4.4	109	0.00
32	T	1,1,1-Trichloroethane	0.758	0.785	-3.6	109	0.00
33	S	1,2-Dichloroethane-d4	0.437	0.461	-5.5	121	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35	S	Dibromofluoromethane	0.282	0.294	-4.3	121	0.00
36	T	1,1-Dichloropropene	0.429	0.428	0.2	112	0.00
37	T	Ethyl Acetate	0.215	0.242	-12.6	135	0.00
38	T	Carbon Tetrachloride	0.493	0.485	1.6	108	0.00
39	T	Methylcyclohexane	0.559	0.538	3.8	105	0.00
40	TM	Benzene	1.239	1.273	-2.7	116	0.00
41	T	Methacrylonitrile	0.133	0.150	-12.8	134	0.00
42	TM	1,2-Dichloroethane	0.360	0.373	-3.6	118	0.00
43	T	Isopropyl Acetate	0.403	0.451	-11.9	133	0.00
44	TM	Trichloroethene	0.387	0.394	-1.8	114	0.00
45	C	1,2-Dichloropropane	0.286	0.303	-5.9#	120	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	T	Dibromomethane	0.167	0.180	-7.8	121	0.00
47	T	Bromodichloromethane	0.418	0.441	-5.5	117	0.00
48	T	Methyl methacrylate	0.184	0.204	-10.9	129	0.00
49	T	1,4-Dioxane	0.002	0.003	-50.0#	134	0.00
50	S	Toluene-d8	1.134	1.115	1.7	117	0.00
51	T	4-Methyl-2-Pentanone	0.209	0.235	-12.4	133	0.00
52	CM	Toluene	0.798	0.804	-0.8#	113	0.00
53	T	t-1,3-Dichloropropene	0.439	0.469	-6.8	119	0.00
54	T	cis-1,3-Dichloropropene	0.502	0.525	-4.6	116	0.00
55	T	1,1,2-Trichloroethane	0.247	0.265	-7.3	125	0.00
56	T	Ethyl methacrylate	0.338	0.373	-10.4	128	0.00
57	T	1,3-Dichloropropane	0.417	0.443	-6.2	124	0.00
58	T	2-Chloroethyl Vinyl ether	0.163	0.170	-4.3	123	0.00
59	T	2-Hexanone	0.146	0.164	-12.3	135	0.00
60	T	Dibromochloromethane	0.324	0.344	-6.2	120	0.00
61	T	1,2-Dibromoethane	0.245	0.265	-8.2	126	0.00
62	S	4-Bromofluorobenzene	0.380	0.382	-0.5	122	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
64	T	Tetrachloroethene	0.458	0.462	-0.9	113	0.00
65	PM	Chlorobenzene	0.964	0.984	-2.1	114	0.00
66	T	1,1,1,2-Tetrachloroethane	0.362	0.383	-5.8	116	0.00
67	C	Ethyl Benzene	1.718	1.730	-0.7#	111	0.00
68	T	m/p-Xylenes	0.661	0.663	-0.3	112	0.00
69	T	o-Xylene	0.612	0.631	-3.1	113	0.00
70	T	Styrene	1.066	1.116	-4.7	115	0.00
71	P	Bromoform	0.228	0.249	-9.2	124	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
73	T	Isopropylbenzene	3.343	3.275	2.0	110	0.00
74	T	N-amyl acetate	0.792	0.859	-8.5	128	0.00
75	P	1,1,2,2-Tetrachloroethane	0.513	0.548	-6.8	131	0.00
76	T	1,2,3-Trichloropropane	0.424	0.463	-9.2	125	0.00
77	T	Bromobenzene	0.838	0.860	-2.6	118	0.00
78	T	n-propylbenzene	3.881	3.779	2.6	109	0.00
79	T	2-Chlorotoluene	2.124	2.132	-0.4	114	0.00
80	T	1,3,5-Trimethylbenzene	2.837	2.778	2.1	110	0.00
81	T	trans-1,4-Dichloro-2-butene	0.229	0.241	-5.2	124	0.00
82	T	4-Chlorotoluene	2.195	2.216	-1.0	113	0.00
83	T	tert-Butylbenzene	2.464	2.436	1.1	109	0.00
84	T	1,2,4-Trimethylbenzene	2.722	2.801	-2.9	111	0.00
85	T	sec-Butylbenzene	3.299	3.297	0.1	108	0.00
86	T	p-Isopropyltoluene	3.146	3.140	0.2	108	0.00
87	T	1,3-Dichlorobenzene	1.551	1.597	-3.0	114	0.00
88	T	1,4-Dichlorobenzene	1.542	1.575	-2.1	113	0.00
89	T	n-Butylbenzene	2.902	2.792	3.8	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.569	0.570	-0.2	112	0.00
91 T	1,2-Dichlorobenzene	1.335	1.443	-8.1	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.110	-7.8	131	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.029	2.4	111	0.00
94 T	Hexachlorobutadiene	0.636	0.614	3.5	107	0.00
95 T	Naphthalene	1.955	2.137	-9.3	127	0.00
96 T	1,2,3-Trichlorobenzene	0.894	0.906	-1.3	115	0.00

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