Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
Data File : VY008831.D
Acq On : 18 May 2022 22:16
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 19 03:14:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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	97	0.00
2	T	Dichlorodifluoromethane	0.376	0.320	14.9	102	0.00
3	P	Chloromethane	0.583	0.522	10.5	104	0.00
4	C	Vinyl Chloride	0.825	0.771	6.5#	105	0.00
5	T	Bromomethane	0.631	0.707	-12.0	129	0.00
6	T	Chloroethane	0.610	0.590	3.3	109	0.00
7	T	Trichlorofluoromethane	0.780	0.722	7.4	102	0.00
8	T	Diethyl Ether	0.222	0.245	-10.4	118	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.466	0.453	2.8	105	0.00
10	T	Methyl Iodide	0.518	0.517	0.2	103	0.00
11	T	Tert butyl alcohol	0.051	0.046	9.8	95	0.01
12	CM	1,1-Dichloroethene	0.424	0.412	2.8#	106	0.00
13	T	Acrolein	0.025	0.013	48.0#	77	0.00
14	T	Allyl chloride	0.624	0.643	-3.0	111	0.00
15	T	Acrylonitrile	0.150	0.143	4.7	98	0.00
16	T	Acetone	0.119	0.104	12.6	97	0.00
17	T	Carbon Disulfide	1.249	1.110	11.1	102	0.00
18	T	Methyl Acetate	0.377	0.317	15.9	98	0.00
19	T	Methyl tert-butyl Ether	1.143	1.376	-20.4	124	0.00
20	T	Methylene Chloride	0.605	0.571	5.6	117	0.00
21	T	trans-1,2-Dichloroethene	0.520	0.524	-0.8	108	0.00
22	T	Diisopropyl ether	1.322	1.685	-27.5#	130	0.00
23	T	Vinyl Acetate	0.932	1.144	-22.7	121	0.00
24	P	1,1-Dichloroethane	0.877	0.957	-9.1	115	0.00
25	T	2-Butanone	0.195	0.194	0.5	101	0.00
26	T	2,2-Dichloropropane	0.834	0.837	-0.4	105	0.00
27	T	cis-1,2-Dichloroethene	0.577	0.647	-12.1	118	0.00
28	T	Bromochloromethane	0.332	0.389	-17.2	116	0.00
29	T	Tetrahydrofuran	0.130	0.130	0.0	100	0.00
30	C	Chloroform	0.940	1.063	-13.1#	117	0.00
31	T	Cyclohexane	0.817	0.805	1.5	109	0.00
32	T	1,1,1-Trichloroethane	0.872	0.952	-9.2	112	0.00
33	S	1,2-Dichloroethane-d4	0.464	0.595	-28.2#	115	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	102	0.00
35	S	Dibromofluoromethane	0.292	0.338	-15.8	113	0.00
36	T	1,1-Dichloropropene	0.468	0.476	-1.7	111	0.00
37	T	Ethyl Acetate	0.279	0.269	3.6	106	0.00
38	T	Carbon Tetrachloride	0.501	0.512	-2.2	112	0.00
39	T	Methylcyclohexane	0.555	0.593	-6.8	114	0.00
40	TM	Benzene	1.309	1.432	-9.4	116	0.00
41	T	Methacrylonitrile	0.147	0.145	1.4	107	0.00
42	TM	1,2-Dichloroethane	0.384	0.437	-13.8	122	0.00
43	T	Isopropyl Acetate	0.464	0.529	-14.0	119	0.00
44	TM	Trichloroethene	0.356	0.376	-5.6	113	0.00
45	C	1,2-Dichloropropane	0.311	0.370	-19.0#	125	0.00
46	T	Dibromomethane	0.204	0.231	-13.2	122	0.00
47	T	Bromodichloromethane	0.453	0.543	-19.9	127	0.00
48	T	Methyl methacrylate	0.204	0.232	-13.7	117	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	96	0.00
50	S	Toluene-d8	1.136	1.475	-29.8#	116	0.00
51	T	4-Methyl-2-Pentanone	0.274	0.308	-12.4	114	0.00
52	CM	Toluene	0.890	1.070	-20.2#	122	0.00
53	T	t-1,3-Dichloropropene	0.471	0.587	-24.6	126	0.00
54	T	cis-1,3-Dichloropropene	0.508	0.597	-17.5	124	0.00
55	T	1,1,2-Trichloroethane	0.278	0.346	-24.5	127	0.00
56	T	Ethyl methacrylate	0.337	0.452	-34.1#	132	0.00
57	T	1,3-Dichloropropane	0.457	0.553	-21.0	126	0.00
58	T	2-Chloroethyl Vinyl ether	0.172	0.189	-9.9	108	0.00
59	T	2-Hexanone	0.196	0.219	-11.7	109	0.00
60	T	Dibromochloromethane	0.334	0.425	-27.2#	132	0.00
61	T	1,2-Dibromoethane	0.277	0.328	-18.4	121	0.00
62	S	4-Bromofluorobenzene	0.400	0.557	-39.3#	125	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
64	T	Tetrachloroethene	0.320	0.307	4.1	115	0.00
65	PM	Chlorobenzene	1.012	1.084	-7.1	124	0.00
66	T	1,1,1,2-Tetrachloroethane	0.370	0.421	-13.8	131	0.00
67	C	Ethyl Benzene	1.807	2.000	-10.7#	124	0.00
68	T	m/p-Xylenes	0.720	0.837	-16.3	126	0.00
69	T	o-Xylene	0.665	0.793	-19.2	129	0.00
70	T	Styrene	1.126	1.394	-23.8	130	0.00
71	P	Bromoform	0.251	0.289	-15.1	129	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
73	T	Isopropylbenzene	3.429	3.406	0.7	128	0.00
74	T	N-amyl acetate	0.819	0.871	-6.3	134	0.00
75	P	1,1,2,2-Tetrachloroethane	0.762	0.715	6.2	126	0.00
76	T	1,2,3-Trichloropropane	0.578	0.621	-7.4	144	0.00
77	T	Bromobenzene	0.795	0.785	1.3	131	0.00
78	T	n-propylbenzene	4.213	4.217	-0.1	126	0.00
79	T	2-Chlorotoluene	2.282	2.326	-1.9	128	0.00
80	T	1,3,5-Trimethylbenzene	2.769	2.972	-7.3	129	0.00
81	T	trans-1,4-Dichloro-2-butene	0.264	0.238	9.8	112	0.00
82	T	4-Chlorotoluene	2.411	2.584	-7.2	129	0.00
83	T	tert-Butylbenzene	2.490	2.652	-6.5	128	0.00
84	T	1,2,4-Trimethylbenzene	2.741	3.012	-9.9	130	0.00
85	T	sec-Butylbenzene	3.885	4.141	-6.6	127	0.00
86	T	p-Isopropyltoluene	3.168	3.468	-9.5	127	0.00
87	T	1,3-Dichlorobenzene	1.670	1.767	-5.8	129	0.00
88	T	1,4-Dichlorobenzene	1.651	1.760	-6.6	128	0.00
89	T	n-Butylbenzene	3.007	3.125	-3.9	123	0.00
90	T	Hexachloroethane	0.599	0.626	-4.5	130	0.00
91	T	1,2-Dichlorobenzene	1.460	1.583	-8.4	131	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.130	0.107	17.7	107	0.00
93	T	1,2,4-Trichlorobenzene	0.797	0.818	-2.6	131	0.00
94	T	Hexachlorobutadiene	0.459	0.440	4.1	126	0.00
95	T	Naphthalene	1.782	1.745	2.1	122	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.723	-3.3	132	0.00

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