Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
Data File : VY018152.D
Acq On : 06 May 2024 09:52
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 07 02:14:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
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	80	0.00
2	T	Dichlorodifluoromethane	0.399	0.341	14.5	66	0.00
3	P	Chloromethane	0.521	0.498	4.4	72	0.00
4	C	Vinyl Chloride	0.564	0.577	-2.3#	75	0.00
5	T	Bromomethane	0.348	0.403	-15.8	86	0.00
6	T	Chloroethane	0.351	0.374	-6.6	76	0.00
7	T	Trichlorofluoromethane	0.751	0.687	8.5	67	0.00
8	T	Diethyl Ether	0.241	0.227	5.8	68	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.469	0.421	10.2	67	0.00
10	T	Methyl Iodide	0.621	0.563	9.3	63	0.00
11	T	Tert butyl alcohol	0.032	0.030	6.3	69	0.00
12	CM	1,1-Dichloroethene	0.478	0.442	7.5#	68	-0.01
13	T	Acrolein	0.048	0.034	29.2#	56	0.00
14	T	Allyl chloride	0.632	0.569	10.0	66	0.00
15	T	Acrylonitrile	0.091	0.088	3.3	68	0.00
16	T	Acetone	0.075	0.086	-14.7	75	0.00
17	T	Carbon Disulfide	1.427	1.325	7.1	68	0.00
18	T	Methyl Acetate	0.192	0.179	6.8	69	-0.01
19	T	Methyl tert-butyl Ether	1.097	0.985	10.2	64	0.00
20	T	Methylene Chloride	0.526	0.447	15.0	66	0.00
21	T	trans-1,2-Dichloroethene	0.508	0.479	5.7	68	0.00
22	T	Diisopropyl ether	1.302	1.163	10.7	66	0.00
23	T	Vinyl Acetate	0.826	0.741	10.3	64	-0.01
24	P	1,1-Dichloroethane	0.786	0.728	7.4	68	-0.01
25	T	2-Butanone	0.117	0.122	-4.3	70	0.00
26	T	2,2-Dichloropropane	0.735	0.665	9.5	67	0.00
27	T	cis-1,2-Dichloroethene	0.606	0.555	8.4	67	0.00
28	T	Bromochloromethane	0.318	0.292	8.2	75	0.00
29	T	Tetrahydrofuran	0.074	0.071	4.1	66	0.00
30	C	Chloroform	0.832	0.756	9.1#	67	0.00
31	T	Cyclohexane	0.755	0.667	11.7	68	0.00
32	T	1,1,1-Trichloroethane	0.759	0.691	9.0	67	0.00
33	S	1,2-Dichloroethane-d4	0.394	0.388	1.5	72	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35	S	Dibromofluoromethane	0.287	0.288	-0.3	74	0.00
36	T	1,1-Dichloropropene	0.384	0.354	7.8	67	0.00
37	T	Ethyl Acetate	0.167	0.152	9.0	63	0.00
38	T	Carbon Tetrachloride	0.435	0.391	10.1	66	0.00
39	T	Methylcyclohexane	0.563	0.492	12.6	65	0.00
40	TM	Benzene	1.232	1.134	8.0	68	0.00
41	T	Methacrylonitrile	0.098	0.089	9.2	72	-0.02
42	TM	1,2-Dichloroethane	0.286	0.256	10.5	65	0.00
43	T	Isopropyl Acetate	0.351	0.313	10.8	64	0.00
44	TM	Trichloroethene	0.350	0.311	11.1	65	0.00
45	C	1,2-Dichloropropane	0.269	0.243	9.7#	67	0.00
46	T	Dibromomethane	0.163	0.145	11.0	65	0.00
47	T	Bromodichloromethane	0.401	0.352	12.2	64	0.00
48	T	Methyl methacrylate	0.161	0.141	12.4	63	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	68	0.00
50	S	Toluene-d8	1.122	1.109	1.2	73	0.00
51	T	4-Methyl-2-Pentanone	0.171	0.157	8.2	65	0.00
52	CM	Toluene	0.816	0.731	10.4#	66	0.00
53	T	t-1,3-Dichloropropene	0.388	0.347	10.6	64	0.00
54	T	cis-1,3-Dichloropropene	0.456	0.414	9.2	65	0.00
55	T	1,1,2-Trichloroethane	0.220	0.198	10.0	64	0.00
56	T	Ethyl methacrylate	0.311	0.274	11.9	63	0.00
57	T	1,3-Dichloropropane	0.351	0.321	8.5	65	0.00
58	T	2-Chloroethyl Vinyl ether	0.145	0.145	0.0	74	0.00
59	T	2-Hexanone	0.122	0.121	0.8	67	0.00
60	T	Dibromochloromethane	0.299	0.263	12.0	63	0.00
61	T	1,2-Dibromoethane	0.211	0.188	10.9	63	0.00
62	S	4-Bromofluorobenzene	0.386	0.355	8.0	70	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64	T	Tetrachloroethene	0.362	0.319	11.9	65	0.00
65	PM	Chlorobenzene	1.055	0.943	10.6	65	0.00
66	T	1,1,1,2-Tetrachloroethane	0.355	0.312	12.1	64	0.00
67	C	Ethyl Benzene	1.770	1.593	10.0#	66	0.00
68	T	m/p-Xylenes	0.709	0.633	10.7	65	0.00
69	T	o-Xylene	0.681	0.602	11.6	65	0.00
70	T	Styrene	1.147	1.026	10.5	65	0.00
71	P	Bromoform	0.208	0.177	14.9	60	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73	T	Isopropylbenzene	3.763	3.370	10.4	65	0.00
74	T	N-amyl acetate	0.826	0.721	12.7	60	0.00
75	P	1,1,2,2-Tetrachloroethane	0.599	0.544	9.2	64	0.00
76	T	1,2,3-Trichloropropane	0.420	0.401	4.5	68	0.00
77	T	Bromobenzene	0.894	0.801	10.4	63	0.00
78	T	n-propylbenzene	4.333	3.937	9.1	65	0.00
79	T	2-Chlorotoluene	2.461	2.168	11.9	64	0.00
80	T	1,3,5-Trimethylbenzene	3.033	2.679	11.7	64	0.00
81	T	trans-1,4-Dichloro-2-butene	0.230	0.202	12.2	60	0.00
82	T	4-Chlorotoluene	2.522	2.181	13.5	62	0.00
83	T	tert-Butylbenzene	2.777	2.460	11.4	63	0.00
84	T	1,2,4-Trimethylbenzene	2.971	2.645	11.0	64	0.00
85	T	sec-Butylbenzene	3.985	3.606	9.5	66	0.00
86	T	p-Isopropyltoluene	3.321	3.006	9.5	65	0.00
87	T	1,3-Dichlorobenzene	1.710	1.533	10.4	64	0.00
88	T	1,4-Dichlorobenzene	1.686	1.502	10.9	63	0.00
89	T	n-Butylbenzene	2.939	2.698	8.2	66	0.00
90	T	Hexachloroethane	0.675	0.589	12.7	63	0.00
91	T	1,2-Dichlorobenzene	1.490	1.330	10.7	63	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.078	13.3	60	0.00
93	T	1,2,4-Trichlorobenzene	0.833	0.756	9.2	63	0.00
94	T	Hexachlorobutadiene	0.461	0.417	9.5	66	0.00
95	T	Naphthalene	1.534	1.396	9.0	61	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.695	0.635	8.6	63	0.00

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