Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
Data File : VY013910.D
Acq On : 30 May 2023 11:03
Operator : KP/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 30 15:36:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
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	99	0.00
2	T	Dichlorodifluoromethane	0.458	0.448	2.2	85	0.00
3	P	Chloromethane	0.558	0.524	6.1	88	0.00
4	C	Vinyl Chloride	0.571	0.523	8.4#	84	0.00
5	T	Bromomethane	0.453	0.391	13.7	89	0.00
6	T	Chloroethane	0.372	0.336	9.7	88	0.00
7	T	Trichlorofluoromethane	0.960	0.880	8.3	86	0.00
8	T	Diethyl Ether	0.295	0.265	10.2	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.521	0.465	10.7	86	0.00
10	T	Methyl Iodide	0.618	0.566	8.4	80	-0.01
11	T	Tert butyl alcohol	0.044	0.059	-34.1#	128	-0.06
12	CM	1,1-Dichloroethene	0.489	0.442	9.6#	84	0.00
13	T	Acrolein	0.067	0.064	4.5	98	0.00
14	T	Allyl chloride	0.893	0.813	9.0	90	0.00
15	T	Acrylonitrile	0.151	0.139	7.9	88	-0.01
16	T	Acetone	0.172	0.186	-8.1	105	0.00
17	T	Carbon Disulfide	1.460	1.325	9.2	82	-0.01
18	T	Methyl Acetate	0.596	0.526	11.7	87	-0.01
19	T	Methyl tert-butyl Ether	1.335	1.271	4.8	90	0.00
20	T	Methylene Chloride	0.686	0.532	22.4	88	-0.01
21	T	trans-1,2-Dichloroethene	0.532	0.498	6.4	89	0.00
22	T	Diisopropyl ether	1.724	1.553	9.9	86	0.00
23	T	Vinyl Acetate	1.004	0.906	9.8	83	-0.01
24	P	1,1-Dichloroethane	1.006	0.876	12.9	86	-0.01
25	T	2-Butanone	0.209	0.198	5.3	90	0.00
26	T	2,2-Dichloropropane	0.907	0.833	8.2	90	0.00
27	T	cis-1,2-Dichloroethene	0.597	0.537	10.1	86	0.00
28	T	Bromochloromethane	0.295	0.243	17.6	88	-0.01
29	T	Tetrahydrofuran	0.125	0.110	12.0	78	0.00
30	C	Chloroform	1.020	0.926	9.2#	89	0.00
31	T	Cyclohexane	0.889	0.740	16.8	80	-0.01
32	T	1,1,1-Trichloroethane	0.931	0.848	8.9	88	0.00
33	S	1,2-Dichloroethane-d4	0.578	0.584	-1.0	104	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35	S	Dibromofluoromethane	0.323	0.337	-4.3	104	0.00
36	T	1,1-Dichloropropene	0.492	0.447	9.1	84	0.00
37	T	Ethyl Acetate	0.300	0.269	10.3	80	0.00
38	T	Carbon Tetrachloride	0.559	0.513	8.2	87	0.00
39	T	Methylcyclohexane	0.576	0.505	12.3	79	-0.01
40	TM	Benzene	1.413	1.287	8.9	86	0.00
41	T	Methacrylonitrile	0.164	0.156	4.9	100	0.01
42	TM	1,2-Dichloroethane	0.463	0.430	7.1	88	-0.01
43	T	Isopropyl Acetate	0.547	0.477	12.8	80	0.00
44	TM	Trichloroethene	0.381	0.344	9.7	86	0.00
45	C	1,2-Dichloropropane	0.362	0.327	9.7#	87	0.00
46	T	Dibromomethane	0.207	0.190	8.2	87	-0.01
47	T	Bromodichloromethane	0.505	0.463	8.3	89	0.00
48	T	Methyl methacrylate	0.257	0.221	14.0	76	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	84	0.00
50	S	Toluene-d8	1.227	1.238	-0.9	104	0.00
51	T	4-Methyl-2-Pentanone	0.291	0.261	10.3	80	0.00
52	CM	Toluene	0.861	0.797	7.4#	87	0.00
53	T	t-1,3-Dichloropropene	0.514	0.478	7.0	86	0.00
54	T	cis-1,3-Dichloropropene	0.576	0.524	9.0	85	0.00
55	T	1,1,2-Trichloroethane	0.279	0.250	10.4	84	0.00
56	T	Ethyl methacrylate	0.372	0.353	5.1	84	0.00
57	T	1,3-Dichloropropane	0.475	0.436	8.2	85	0.00
58	T	2-Chloroethyl Vinyl ether	0.119	0.091	23.5	83	0.00
59	T	2-Hexanone	0.207	0.197	4.8	83	0.00
60	T	Dibromochloromethane	0.353	0.334	5.4	89	0.00
61	T	1,2-Dibromoethane	0.265	0.249	6.0	87	0.00
62	S	4-Bromofluorobenzene	0.408	0.430	-5.4	105	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
64	T	Tetrachloroethene	0.370	0.330	10.8	85	0.00
65	PM	Chlorobenzene	1.048	0.950	9.4	88	0.00
66	T	1,1,1,2-Tetrachloroethane	0.404	0.377	6.7	91	0.00
67	C	Ethyl Benzene	1.886	1.732	8.2#	87	0.00
68	T	m/p-Xylenes	0.714	0.663	7.1	87	0.00
69	T	o-Xylene	0.672	0.631	6.1	89	0.00
70	T	Styrene	1.139	1.071	6.0	89	0.00
71	P	Bromoform	0.264	0.248	6.1	89	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73	T	Isopropylbenzene	3.721	3.369	9.5	88	0.00
74	T	N-amyl acetate	1.119	0.972	13.1	81	0.00
75	P	1,1,2,2-Tetrachloroethane	0.770	0.680	11.7	85	0.00
76	T	1,2,3-Trichloropropane	0.590	0.506	14.2	100	0.00
77	T	Bromobenzene	0.913	0.821	10.1	89	0.00
78	T	n-propylbenzene	4.598	4.117	10.5	87	0.00
79	T	2-Chlorotoluene	2.568	2.278	11.3	89	0.00
80	T	1,3,5-Trimethylbenzene	3.072	2.804	8.7	87	0.00
81	T	trans-1,4-Dichloro-2-butene	0.272	0.255	6.3	87	0.00
82	T	4-Chlorotoluene	2.654	2.400	9.6	91	0.00
83	T	tert-Butylbenzene	2.675	2.409	9.9	88	0.00
84	T	1,2,4-Trimethylbenzene	3.015	2.806	6.9	90	0.00
85	T	sec-Butylbenzene	3.974	3.571	10.1	87	0.00
86	T	p-Isopropyltoluene	3.285	2.951	10.2	87	0.00
87	T	1,3-Dichlorobenzene	1.764	1.584	10.2	89	0.00
88	T	1,4-Dichlorobenzene	1.756	1.574	10.4	90	0.00
89	T	n-Butylbenzene	3.150	2.811	10.8	87	0.00
90	T	Hexachloroethane	0.674	0.597	11.4	90	0.00
91	T	1,2-Dichlorobenzene	1.567	1.432	8.6	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.135	0.120	11.1	85	0.00
93	T	1,2,4-Trichlorobenzene	0.972	0.867	10.8	87	0.00
94	T	Hexachlorobutadiene	0.613	0.537	12.4	89	0.00
95	T	Naphthalene	1.856	1.697	8.6	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.864	0.761	11.9	86	0.00

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