Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
Data File : VY013934.D
Acq On : 31 May 2023 14:07
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 31 17:31:35 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	103	-0.01
2	T	Dichlorodifluoromethane	0.458	0.433	5.5	86	0.00
3	P	Chloromethane	0.558	0.495	11.3	87	0.00
4	C	Vinyl Chloride	0.571	0.496	13.1#	83	0.00
5	T	Bromomethane	0.453	0.373	17.7	88	-0.01
6	T	Chloroethane	0.372	0.320	14.0	87	0.00
7	T	Trichlorofluoromethane	0.960	0.846	11.9	86	0.00
8	T	Diethyl Ether	0.295	0.264	10.5	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.521	0.455	12.7	88	0.00
10	T	Methyl Iodide	0.618	0.553	10.5	81	-0.01
11	T	Tert butyl alcohol	0.044	0.058	-31.8#	131	-0.03
12	CM	1,1-Dichloroethene	0.489	0.435	11.0#	86	-0.01
13	T	Acrolein	0.067	0.081	-20.9	129	0.00
14	T	Allyl chloride	0.893	0.775	13.2	89	0.00
15	T	Acrylonitrile	0.151	0.133	11.9	88	-0.01
16	T	Acetone	0.172	0.157	8.7	93	0.00
17	T	Carbon Disulfide	1.460	1.254	14.1	81	-0.01
18	T	Methyl Acetate	0.596	0.521	12.6	90	-0.01
19	T	Methyl tert-butyl Ether	1.335	1.200	10.1	88	-0.01
20	T	Methylene Chloride	0.686	0.517	24.6	89	-0.01
21	T	trans-1,2-Dichloroethene	0.532	0.455	14.5	85	-0.01
22	T	Diisopropyl ether	1.724	1.536	10.9	88	-0.01
23	T	Vinyl Acetate	1.004	0.902	10.2	86	-0.01
24	P	1,1-Dichloroethane	1.006	0.862	14.3	88	-0.01
25	T	2-Butanone	0.209	0.185	11.5	88	-0.01
26	T	2,2-Dichloropropane	0.907	0.804	11.4	90	-0.01
27	T	cis-1,2-Dichloroethene	0.597	0.520	12.9	86	0.00
28	T	Bromochloromethane	0.295	0.234	20.7	88	-0.02
29	T	Tetrahydrofuran	0.125	0.114	8.8	85	0.00
30	C	Chloroform	1.020	0.912	10.6#	91	-0.01
31	T	Cyclohexane	0.889	0.723	18.7	81	-0.01
32	T	1,1,1-Trichloroethane	0.931	0.831	10.7	90	-0.01
33	S	1,2-Dichloroethane-d4	0.578	0.567	1.9	106	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	104	-0.01
35	S	Dibromofluoromethane	0.323	0.326	-0.9	105	0.00
36	T	1,1-Dichloropropene	0.492	0.434	11.8	85	-0.01
37	T	Ethyl Acetate	0.300	0.280	6.7	87	-0.01
38	T	Carbon Tetrachloride	0.559	0.500	10.6	88	-0.01
39	T	Methylcyclohexane	0.576	0.498	13.5	81	-0.01
40	TM	Benzene	1.413	1.258	11.0	88	-0.01
41	T	Methacrylonitrile	0.164	0.144	12.2	97	-0.01
42	TM	1,2-Dichloroethane	0.463	0.416	10.2	89	-0.01
43	T	Isopropyl Acetate	0.547	0.489	10.6	86	0.00
44	TM	Trichloroethene	0.381	0.331	13.1	87	-0.01
45	C	1,2-Dichloropropane	0.362	0.319	11.9#	88	-0.01
46	T	Dibromomethane	0.207	0.184	11.1	87	-0.01
47	T	Bromodichloromethane	0.505	0.458	9.3	92	0.00
48	T	Methyl methacrylate	0.257	0.236	8.2	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	87	0.00
50	S	Toluene-d8	1.227	1.198	2.4	105	0.00
51	T	4-Methyl-2-Pentanone	0.291	0.269	7.6	86	0.00
52	CM	Toluene	0.861	0.782	9.2#	89	0.00
53	T	t-1,3-Dichloropropene	0.514	0.468	8.9	88	0.00
54	T	cis-1,3-Dichloropropene	0.576	0.522	9.4	89	-0.01
55	T	1,1,2-Trichloroethane	0.279	0.255	8.6	90	0.00
56	T	Ethyl methacrylate	0.372	0.348	6.5	87	0.00
57	T	1,3-Dichloropropane	0.475	0.432	9.1	88	0.00
58	T	2-Chloroethyl Vinyl ether	0.119	0.099	16.8	94	0.00
59	T	2-Hexanone	0.207	0.197	4.8	87	0.00
60	T	Dibromochloromethane	0.353	0.321	9.1	89	0.00
61	T	1,2-Dibromoethane	0.265	0.244	7.9	88	0.00
62	S	4-Bromofluorobenzene	0.408	0.423	-3.7	107	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64	T	Tetrachloroethene	0.370	0.322	13.0	86	0.00
65	PM	Chlorobenzene	1.048	0.929	11.4	89	0.00
66	T	1,1,1,2-Tetrachloroethane	0.404	0.359	11.1	90	0.00
67	C	Ethyl Benzene	1.886	1.695	10.1#	89	0.00
68	T	m/p-Xylenes	0.714	0.648	9.2	89	0.00
69	T	o-Xylene	0.672	0.608	9.5	89	0.00
70	T	Styrene	1.139	1.046	8.2	90	0.00
71	P	Bromoform	0.264	0.240	9.1	89	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
73	T	Isopropylbenzene	3.721	3.282	11.8	90	0.00
74	T	N-amyl acetate	1.119	0.991	11.4	86	0.00
75	P	1,1,2,2-Tetrachloroethane	0.770	0.687	10.8	90	0.00
76	T	1,2,3-Trichloropropane	0.590	0.496	15.9	102	0.00
77	T	Bromobenzene	0.913	0.805	11.8	91	0.00
78	T	n-propylbenzene	4.598	4.042	12.1	89	0.00
79	T	2-Chlorotoluene	2.568	2.258	12.1	92	0.00
80	T	1,3,5-Trimethylbenzene	3.072	2.767	9.9	90	0.00
81	T	trans-1,4-Dichloro-2-butene	0.272	0.242	11.0	87	0.00
82	T	4-Chlorotoluene	2.654	2.355	11.3	93	0.00
83	T	tert-Butylbenzene	2.675	2.359	11.8	91	0.00
84	T	1,2,4-Trimethylbenzene	3.015	2.763	8.4	92	0.00
85	T	sec-Butylbenzene	3.974	3.519	11.4	90	0.00
86	T	p-Isopropyltoluene	3.285	2.931	10.8	91	0.00
87	T	1,3-Dichlorobenzene	1.764	1.542	12.6	91	0.00
88	T	1,4-Dichlorobenzene	1.756	1.528	13.0	91	0.00
89	T	n-Butylbenzene	3.150	2.811	10.8	91	0.00
90	T	Hexachloroethane	0.674	0.584	13.4	92	0.00
91	T	1,2-Dichlorobenzene	1.567	1.394	11.0	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.135	0.121	10.4	89	0.00
93	T	1,2,4-Trichlorobenzene	0.972	0.866	10.9	91	0.00
94	T	Hexachlorobutadiene	0.613	0.529	13.7	92	0.00
95	T	Naphthalene	1.856	1.720	7.3	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.864	0.771	10.8	91	0.00

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