Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060523\
Data File : VY013998.D
Acq On : 05 Jun 2023 10:54
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: Jun 05 15:30:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 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	77	0.00
2	T	Dichlorodifluoromethane	0.440	0.414	5.9	69	0.00
3	P	Chloromethane	0.609	0.570	6.4	72	0.00
4	C	Vinyl Chloride	0.564	0.544	3.5#	72	0.00
5	T	Bromomethane	0.492	0.419	14.8	74	0.00
6	T	Chloroethane	0.404	0.358	11.4	71	0.01
7	T	Trichlorofluoromethane	0.892	0.894	-0.2	75	0.00
8	T	Diethyl Ether	0.350	0.329	6.0	73	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.458	0.466	-1.7	75	0.00
10	T	Methyl Iodide	0.632	0.606	4.1	68	0.01
11	T	Tert butyl alcohol	0.136	0.069	49.3#	65	0.00
12	CM	1,1-Dichloroethene	0.481	0.473	1.7#	74	0.00
13	T	Acrolein	0.062	0.043	30.6#	64	0.00
14	T	Allyl chloride	0.933	0.895	4.1	72	0.01
15	T	Acrylonitrile	0.194	0.191	1.5	77	0.00
16	T	Acetone	0.226	0.240	-6.2	75	0.00
17	T	Carbon Disulfide	1.625	1.378	15.2	64	0.01
18	T	Methyl Acetate	0.818	0.757	7.5	73	0.00
19	T	Methyl tert-butyl Ether	1.555	1.597	-2.7	78	0.01
20	T	Methylene Chloride	0.703	0.620	11.8	76	0.00
21	T	trans-1,2-Dichloroethene	0.544	0.553	-1.7	77	0.01
22	T	Diisopropyl ether	1.808	1.863	-3.0	76	0.00
23	T	Vinyl Acetate	1.134	1.106	2.5	72	0.01
24	P	1,1-Dichloroethane	1.009	1.011	-0.2	77	0.01
25	T	2-Butanone	0.282	0.273	3.2	74	0.00
26	T	2,2-Dichloropropane	0.916	0.908	0.9	76	0.00
27	T	cis-1,2-Dichloroethene	0.623	0.623	0.0	76	0.01
28	T	Bromochloromethane	0.477	0.470	1.5	76	0.01
29	T	Tetrahydrofuran	0.175	0.154	12.0	69	0.00
30	C	Chloroform	1.060	1.091	-2.9#	78	0.00
31	T	Cyclohexane	0.797	0.696	12.7	68	0.00
32	T	1,1,1-Trichloroethane	0.899	0.912	-1.4	75	0.00
33	S	1,2-Dichloroethane-d4	0.662	0.634	4.2	74	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35	S	Dibromofluoromethane	0.318	0.335	-5.3	76	0.01
36	T	1,1-Dichloropropene	0.453	0.470	-3.8	75	0.01
37	T	Ethyl Acetate	0.395	0.346	12.4	68	0.00
38	T	Carbon Tetrachloride	0.507	0.536	-5.7	77	0.01
39	T	Methylcyclohexane	0.483	0.474	1.9	68	0.00
40	TM	Benzene	1.397	1.432	-2.5	75	0.00
41	T	Methacrylonitrile	0.182	0.158	13.2	70	0.00
42	TM	1,2-Dichloroethane	0.512	0.518	-1.2	76	0.00
43	T	Isopropyl Acetate	0.665	0.630	5.3	71	0.00
44	TM	Trichloroethene	0.366	0.382	-4.4	77	0.00
45	C	1,2-Dichloropropane	0.360	0.372	-3.3#	76	0.00
46	T	Dibromomethane	0.231	0.231	0.0	75	0.00
47	T	Bromodichloromethane	0.520	0.553	-6.3	78	0.00
48	T	Methyl methacrylate	0.302	0.292	3.3	71	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	71	0.01
50	S	Toluene-d8	1.212	1.240	-2.3	75	0.00
51	T	4-Methyl-2-Pentanone	0.375	0.354	5.6	71	0.00
52	CM	Toluene	0.856	0.889	-3.9#	76	0.00
53	T	t-1,3-Dichloropropene	0.558	0.577	-3.4	75	0.00
54	T	cis-1,3-Dichloropropene	0.596	0.630	-5.7	77	0.00
55	T	1,1,2-Trichloroethane	0.304	0.324	-6.6	79	0.00
56	T	Ethyl methacrylate	0.437	0.437	0.0	72	0.00
57	T	1,3-Dichloropropane	0.520	0.530	-1.9	75	0.00
58	T	2-Chloroethyl Vinyl ether	0.180	0.215	-19.4	77	0.00
59	T	2-Hexanone	0.272	0.270	0.7	71	0.00
60	T	Dibromochloromethane	0.384	0.408	-6.2	78	0.00
61	T	1,2-Dibromoethane	0.306	0.305	0.3	75	0.00
62	S	4-Bromofluorobenzene	0.413	0.436	-5.6	77	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	75	0.00
64	T	Tetrachloroethene	0.343	0.384	-12.0	83	0.00
65	PM	Chlorobenzene	1.026	1.068	-4.1	77	0.00
66	T	1,1,1,2-Tetrachloroethane	0.399	0.432	-8.3	79	0.00
67	C	Ethyl Benzene	1.776	1.878	-5.7#	76	0.00
68	T	m/p-Xylenes	0.678	0.729	-7.5	77	0.00
69	T	o-Xylene	0.650	0.693	-6.6	76	0.00
70	T	Styrene	1.116	1.213	-8.7	77	0.00
71	P	Bromoform	0.294	0.305	-3.7	76	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73	T	Isopropylbenzene	3.300	3.470	-5.2	77	0.00
74	T	N-amyl acetate	1.266	1.174	7.3	69	0.00
75	P	1,1,2,2-Tetrachloroethane	0.863	0.820	5.0	73	0.00
76	T	1,2,3-Trichloropropane	0.673	0.707	-5.1	86	0.00
77	T	Bromobenzene	0.892	0.933	-4.6	78	0.00
78	T	n-propylbenzene	4.045	4.323	-6.9	78	0.00
79	T	2-Chlorotoluene	2.394	2.537	-6.0	79	0.00
80	T	1,3,5-Trimethylbenzene	2.829	3.040	-7.5	78	0.00
81	T	trans-1,4-Dichloro-2-butene	0.317	0.307	3.2	74	0.00
82	T	4-Chlorotoluene	2.518	2.624	-4.2	77	0.00
83	T	tert-Butylbenzene	2.369	2.554	-7.8	78	0.00
84	T	1,2,4-Trimethylbenzene	2.825	3.020	-6.9	78	0.00
85	T	sec-Butylbenzene	3.444	3.704	-7.5	78	0.00
86	T	p-Isopropyltoluene	2.907	3.130	-7.7	78	0.00
87	T	1,3-Dichlorobenzene	1.694	1.777	-4.9	79	0.00
88	T	1,4-Dichlorobenzene	1.714	1.761	-2.7	78	0.00
89	T	n-Butylbenzene	2.743	2.904	-5.9	76	0.00
90	T	Hexachloroethane	0.610	0.625	-2.5	78	0.00
91	T	1,2-Dichlorobenzene	1.561	1.598	-2.4	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.166	0.152	8.4	70	0.00
93	T	1,2,4-Trichlorobenzene	0.959	0.953	0.6	72	0.00
94	T	Hexachlorobutadiene	0.511	0.536	-4.9	78	0.00
95	T	Naphthalene	2.093	1.982	5.3	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.848	3.0	70	0.00

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