Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
Data File : VY014593.D
Acq On : 06 Jul 2023 17:07
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 07 06:16:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	82	0.00
2	T	Dichlorodifluoromethane	0.405	0.340	16.0	78	0.00
3	P	Chloromethane	0.579	0.558	3.6	84	0.00
4	C	Vinyl Chloride	0.667	0.679	-1.8#	88	-0.02
5	T	Bromomethane	0.518	0.493	4.8	86	-0.03
6	T	Chloroethane	0.430	0.440	-2.3	87	-0.02
7	T	Trichlorofluoromethane	0.811	0.761	6.2	81	-0.02
8	T	Diethyl Ether	0.307	0.300	2.3	81	-0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.484	0.479	1.0	85	-0.02
10	T	Methyl Iodide	0.552	0.512	7.2	72	-0.02
11	T	Tert butyl alcohol	0.100	0.087	13.0	84	-0.01
12	CM	1,1-Dichloroethene	0.469	0.450	4.1#	80	-0.02
13	T	Acrolein	0.063	0.050	20.6	62	-0.01
14	T	Allyl chloride	0.707	0.716	-1.3	83	-0.02
15	T	Acrylonitrile	0.176	0.190	-8.0	85	-0.02
16	T	Acetone	0.155	0.154	0.6	81	-0.02
17	T	Carbon Disulfide	1.429	1.361	4.8	79	-0.02
18	T	Methyl Acetate	0.707	0.780	-10.3	91	-0.02
19	T	Methyl tert-butyl Ether	1.348	1.404	-4.2	83	-0.01
20	T	Methylene Chloride	0.673	0.606	10.0	87	-0.02
21	T	trans-1,2-Dichloroethene	0.531	0.512	3.6	79	-0.02
22	T	Diisopropyl ether	1.457	1.519	-4.3	82	-0.01
23	T	Vinyl Acetate	0.843	0.890	-5.6	80	-0.02
24	P	1,1-Dichloroethane	0.914	0.900	1.5	81	-0.02
25	T	2-Butanone	0.230	0.242	-5.2	82	-0.01
26	T	2,2-Dichloropropane	0.779	0.685	12.1	75	-0.02
27	T	cis-1,2-Dichloroethene	0.602	0.583	3.2	78	-0.01
28	T	Bromochloromethane	0.384	0.391	-1.8	84	-0.01
29	T	Tetrahydrofuran	0.148	0.166	-12.2	85	-0.01
30	C	Chloroform	0.954	0.934	2.1#	81	-0.01
31	T	Cyclohexane	0.780	0.733	6.0	80	-0.01
32	T	1,1,1-Trichloroethane	0.815	0.770	5.5	79	-0.01
33	S	1,2-Dichloroethane-d4	0.497	0.554	-11.5	91	-0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	81	-0.01
35	S	Dibromofluoromethane	0.308	0.347	-12.7	89	-0.01
36	T	1,1-Dichloropropene	0.472	0.469	0.6	81	-0.02
37	T	Ethyl Acetate	0.323	0.347	-7.4	83	-0.01
38	T	Carbon Tetrachloride	0.492	0.475	3.5	79	-0.01
39	T	Methylcyclohexane	0.564	0.564	0.0	80	-0.01
40	TM	Benzene	1.427	1.383	3.1	78	-0.01
41	T	Methacrylonitrile	0.158	0.193	-22.2	96	0.00
42	TM	1,2-Dichloroethane	0.420	0.433	-3.1	83	-0.01
43	T	Isopropyl Acetate	0.548	0.585	-6.8	83	-0.01
44	TM	Trichloroethene	0.398	0.381	4.3	78	0.00
45	C	1,2-Dichloropropane	0.366	0.375	-2.5#	83	0.00
46	T	Dibromomethane	0.223	0.229	-2.7	82	-0.01
47	T	Bromodichloromethane	0.491	0.496	-1.0	81	0.00
48	T	Methyl methacrylate	0.249	0.279	-12.0	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	80	-0.02
50	S	Toluene-d8	1.217	1.322	-8.6	88	0.00
51	T	4-Methyl-2-Pentanone	0.324	0.356	-9.9	83	0.00
52	CM	Toluene	0.898	0.865	3.7#	77	0.00
53	T	t-1,3-Dichloropropene	0.525	0.522	0.6	78	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.582	0.7	79	0.00
55	T	1,1,2-Trichloroethane	0.324	0.329	-1.5	80	-0.01
56	T	Ethyl methacrylate	0.441	0.465	-5.4	80	-0.01
57	T	1,3-Dichloropropane	0.529	0.539	-1.9	82	0.00
58	T	2-Chloroethyl Vinyl ether	0.214	0.242	-13.1	84	0.00
59	T	2-Hexanone	0.234	0.263	-12.4	84	0.00
60	T	Dibromochloromethane	0.380	0.386	-1.6	81	0.00
61	T	1,2-Dibromoethane	0.317	0.326	-2.8	81	-0.01
62	S	4-Bromofluorobenzene	0.423	0.470	-11.1	89	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64	T	Tetrachloroethene	0.447	0.423	5.4	79	0.00
65	PM	Chlorobenzene	1.066	1.011	5.2	78	-0.01
66	T	1,1,1,2-Tetrachloroethane	0.405	0.392	3.2	80	0.00
67	C	Ethyl Benzene	1.817	1.751	3.6#	78	0.00
68	T	m/p-Xylenes	0.721	0.683	5.3	76	0.00
69	T	o-Xylene	0.684	0.655	4.2	77	0.00
70	T	Styrene	1.176	1.146	2.6	77	0.00
71	P	Bromoform	0.308	0.307	0.3	81	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73	T	Isopropylbenzene	3.275	3.152	3.8	77	0.00
74	T	N-amyl acetate	0.988	1.029	-4.1	81	0.00
75	P	1,1,2,2-Tetrachloroethane	0.840	0.871	-3.7	83	0.00
76	T	1,2,3-Trichloropropane	0.587	0.569	3.1	79	0.00
77	T	Bromobenzene	0.894	0.862	3.6	78	0.00
78	T	n-propylbenzene	3.995	3.983	0.3	80	0.00
79	T	2-Chlorotoluene	2.299	2.251	2.1	79	0.00
80	T	1,3,5-Trimethylbenzene	2.772	2.712	2.2	78	0.00
81	T	trans-1,4-Dichloro-2-butene	0.301	0.288	4.3	77	0.00
82	T	4-Chlorotoluene	2.408	2.323	3.5	79	0.00
83	T	tert-Butylbenzene	2.436	2.272	6.7	75	0.00
84	T	1,2,4-Trimethylbenzene	2.766	2.716	1.8	78	0.00
85	T	sec-Butylbenzene	3.595	3.553	1.2	80	0.00
86	T	p-Isopropyltoluene	3.026	2.958	2.2	78	0.00
87	T	1,3-Dichlorobenzene	1.749	1.665	4.8	79	0.00
88	T	1,4-Dichlorobenzene	1.753	1.646	6.1	78	0.00
89	T	n-Butylbenzene	2.796	2.784	0.4	81	0.00
90	T	Hexachloroethane	0.599	0.594	0.8	83	0.00
91	T	1,2-Dichlorobenzene	1.584	1.529	3.5	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.154	0.164	-6.5	86	0.00
93	T	1,2,4-Trichlorobenzene	1.023	1.005	1.8	79	0.00
94	T	Hexachlorobutadiene	0.629	0.627	0.3	83	0.00
95	T	Naphthalene	2.177	2.201	-1.1	79	0.00

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96 T	1,2,3-Trichlorobenzene	0.932	0.939	-0.8	81	0.00

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