Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
Data File : VY015818.D
Acq On : 03 Oct 2023 20:26
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 04 08:30:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 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	123	0.00
2	T	Dichlorodifluoromethane	0.330	0.261	20.9	90	0.00
3	P	Chloromethane	0.416	0.332	20.2	91	0.00
4	C	Vinyl Chloride	0.475	0.410	13.7#	98	0.00
5	T	Bromomethane	0.361	0.291	19.4	88	0.01
6	T	Chloroethane	0.352	0.281	20.2	91	0.00
7	T	Trichlorofluoromethane	0.797	0.713	10.5	106	0.00
8	T	Diethyl Ether	0.340	0.313	7.9	108	0.01
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.435	12.8	103	0.00
10	T	Methyl Iodide	0.519	0.446	14.1	90	0.00
11	T	Tert butyl alcohol	0.174	0.148	14.9	170#	0.05
12	CM	1,1-Dichloroethene	0.440	0.379	13.9#	101	0.00
13	T	Acrolein	0.084	0.055	34.5#	79	0.01
14	T	Allyl chloride	0.804	0.701	12.8	101	0.00
15	T	Acrylonitrile	0.249	0.271	-8.8	133	0.00
16	T	Acetone	0.294	0.228	22.4	99	0.02
17	T	Carbon Disulfide	0.855	0.633	26.0#	82	0.00
18	T	Methyl Acetate	0.988	1.177	-19.1	144	0.01
19	T	Methyl tert-butyl Ether	1.792	1.768	1.3	116	0.01
20	T	Methylene Chloride	0.779	0.646	17.1	121	0.00
21	T	trans-1,2-Dichloroethene	0.503	0.444	11.7	100	0.00
22	T	Diisopropyl ether	1.936	1.762	9.0	105	0.01
23	T	Vinyl Acetate	1.195	1.093	8.5	107	0.01
24	P	1,1-Dichloroethane	1.055	0.934	11.5	104	0.02
25	T	2-Butanone	0.416	0.406	2.4	127	0.02
26	T	2,2-Dichloropropane	0.964	0.746	22.6	98	0.00
27	T	cis-1,2-Dichloroethene	0.667	0.611	8.4	106	0.00
28	T	Bromochloromethane	0.286	0.365	-27.6#	154#	0.01
29	T	Tetrahydrofuran	0.235	0.270	-14.9	141	0.01
30	C	Chloroform	1.130	1.041	7.9#	110	0.01
31	T	Cyclohexane	0.762	0.597	21.7	95	0.00
32	T	1,1,1-Trichloroethane	0.933	0.866	7.2	109	0.01
33	S	1,2-Dichloroethane-d4	0.550	0.483	12.2	119	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	123	0.00
35	S	Dibromofluoromethane	0.299	0.256	14.4	112	0.00
36	T	1,1-Dichloropropene	0.442	0.373	15.6	100	0.00
37	T	Ethyl Acetate	0.441	0.501	-13.6	141	0.02
38	T	Carbon Tetrachloride	0.480	0.436	9.2	108	0.00
39	T	Methylcyclohexane	0.489	0.412	15.7	98	0.00
40	TM	Benzene	1.349	1.188	11.9	103	0.01
41	T	Methacrylonitrile	0.238	0.229	3.8	133	0.00
42	TM	1,2-Dichloroethane	0.462	0.435	5.8	112	0.00
43	T	Isopropyl Acetate	0.754	0.791	-4.9	128	0.01
44	TM	Trichloroethene	0.377	0.350	7.2	110	0.00
45	C	1,2-Dichloropropane	0.376	0.338	10.1#	105	0.00
46	T	Dibromomethane	0.241	0.229	5.0	112	0.01
47	T	Bromodichloromethane	0.537	0.512	4.7	113	0.00
48	T	Methyl methacrylate	0.331	0.345	-4.2	125	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.005	0.007	-40.0#	182#	0.04
50	S	Toluene-d8	1.015	0.879	13.4	119	0.00
51	T	4-Methyl-2-Pentanone	0.467	0.519	-11.1	136	0.00
52	CM	Toluene	0.870	0.778	10.6#	104	0.00
53	T	t-1,3-Dichloropropene	0.575	0.541	5.9	110	0.00
54	T	cis-1,3-Dichloropropene	0.619	0.560	9.5	106	0.00
55	T	1,1,2-Trichloroethane	0.353	0.345	2.3	117	0.00
56	T	Ethyl methacrylate	0.520	0.543	-4.4	121	0.00
57	T	1,3-Dichloropropane	0.592	0.561	5.2	113	0.00
58	T	2-Chloroethyl Vinyl ether	0.165	0.124	24.8	96	0.00
59	T	2-Hexanone	0.359	0.404	-12.5	139	0.00
60	T	Dibromochloromethane	0.412	0.404	1.9	117	0.00
61	T	1,2-Dibromoethane	0.345	0.338	2.0	119	0.00
62	S	4-Bromofluorobenzene	0.398	0.348	12.6	118	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
64	T	Tetrachloroethene	0.429	0.440	-2.6	121	0.00
65	PM	Chlorobenzene	1.091	1.000	8.3	109	0.00
66	T	1,1,1,2-Tetrachloroethane	0.424	0.407	4.0	112	0.00
67	C	Ethyl Benzene	1.908	1.717	10.0#	105	0.00
68	T	m/p-Xylenes	0.725	0.656	9.5	105	0.00
69	T	o-Xylene	0.711	0.664	6.6	108	0.00
70	T	Styrene	1.217	1.158	4.8	109	0.00
71	P	Bromoform	0.307	0.330	-7.5	126	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	121	0.00
73	T	Isopropylbenzene	3.751	3.444	8.2	108	0.00
74	T	N-amyl acetate	1.410	1.439	-2.1	118	0.00
75	P	1,1,2,2-Tetrachloroethane	1.044	1.056	-1.1	124	0.00
76	T	1,2,3-Trichloropropane	0.798	1.432	-79.4#	210#	0.00
77	T	Bromobenzene	0.921	0.873	5.2	113	0.00
78	T	n-propylbenzene	4.557	4.079	10.5	104	0.00
79	T	2-Chlorotoluene	2.597	2.389	8.0	107	0.00
80	T	1,3,5-Trimethylbenzene	3.140	2.877	8.4	107	0.00
81	T	trans-1,4-Dichloro-2-butene	0.354	0.364	-2.8	121	0.00
82	T	4-Chlorotoluene	2.712	2.486	8.3	106	0.00
83	T	tert-Butylbenzene	2.750	2.578	6.3	109	0.00
84	T	1,2,4-Trimethylbenzene	3.142	2.908	7.4	107	0.00
85	T	sec-Butylbenzene	4.116	3.774	8.3	106	0.00
86	T	p-Isopropyltoluene	3.438	3.180	7.5	106	0.00
87	T	1,3-Dichlorobenzene	1.827	1.673	8.4	107	0.00
88	T	1,4-Dichlorobenzene	1.827	1.694	7.3	109	0.00
89	T	n-Butylbenzene	3.256	2.893	11.1	103	0.00
90	T	Hexachloroethane	0.664	0.614	7.5	108	0.00
91	T	1,2-Dichlorobenzene	1.686	1.612	4.4	112	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.207	0.250	-20.8	151#	0.00
93	T	1,2,4-Trichlorobenzene	1.062	1.027	3.3	112	0.00
94	T	Hexachlorobutadiene	0.544	0.495	9.0	104	0.00
95	T	Naphthalene	2.768	3.541	-27.9#	147	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.980	0.971	0.9	115	0.00

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