Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092723\
Data File : VY015738.D
Acq On : 27 Sep 2023 21:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 28 05:08:41 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	83	0.02
2	T	Dichlorodifluoromethane	0.330	0.298	9.7	69	0.01
3	P	Chloromethane	0.416	0.387	7.0	71	0.00
4	C	Vinyl Chloride	0.475	0.455	4.2#	73	0.01
5	T	Bromomethane	0.361	0.351	2.8	72	0.02
6	T	Chloroethane	0.352	0.343	2.6	75	0.01
7	T	Trichlorofluoromethane	0.797	0.730	8.4	73	0.01
8	T	Diethyl Ether	0.340	0.327	3.8	76	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.464	7.0	74	0.01
10	T	Methyl Iodide	0.519	0.489	5.8	67	0.02
11	T	Tert butyl alcohol	0.174	0.113	35.1#	88	0.06
12	CM	1,1-Dichloroethene	0.440	0.399	9.3#	72	0.01
13	T	Acrolein	0.084	0.081	3.6	79	0.02
14	T	Allyl chloride	0.804	0.747	7.1	73	0.01
15	T	Acrylonitrile	0.249	0.251	-0.8	83	0.02
16	T	Acetone	0.294	0.234	20.4	68	0.02
17	T	Carbon Disulfide	0.855	0.755	11.7	66	0.02
18	T	Methyl Acetate	0.988	1.048	-6.1	86	0.02
19	T	Methyl tert-butyl Ether	1.792	1.751	2.3	77	0.02
20	T	Methylene Chloride	0.779	0.670	14.0	85	0.02
21	T	trans-1,2-Dichloroethene	0.503	0.475	5.6	72	0.02
22	T	Diisopropyl ether	1.936	1.879	2.9	75	0.02
23	T	Vinyl Acetate	1.195	1.142	4.4	75	0.02
24	P	1,1-Dichloroethane	1.055	0.989	6.3	74	0.02
25	T	2-Butanone	0.416	0.377	9.4	79	0.02
26	T	2,2-Dichloropropane	0.964	0.832	13.7	74	0.01
27	T	cis-1,2-Dichloroethene	0.667	0.635	4.8	75	0.02
28	T	Bromochloromethane	0.286	0.304	-6.3	86	0.02
29	T	Tetrahydrofuran	0.235	0.240	-2.1	84	0.02
30	C	Chloroform	1.130	1.076	4.8#	76	0.02
31	T	Cyclohexane	0.762	0.656	13.9	71	0.01
32	T	1,1,1-Trichloroethane	0.933	0.892	4.4	76	0.02
33	S	1,2-Dichloroethane-d4	0.550	0.682	-24.0	113	0.01
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.01
35	S	Dibromofluoromethane	0.299	0.367	-22.7	108	0.01
36	T	1,1-Dichloropropene	0.442	0.405	8.4	73	0.01
37	T	Ethyl Acetate	0.441	0.446	-1.1	84	0.02
38	T	Carbon Tetrachloride	0.480	0.455	5.2	75	0.02
39	T	Methylcyclohexane	0.489	0.441	9.8	71	0.01
40	TM	Benzene	1.349	1.271	5.8	74	0.02
41	T	Methacrylonitrile	0.238	0.209	12.2	82	0.01
42	TM	1,2-Dichloroethane	0.462	0.452	2.2	78	0.01
43	T	Isopropyl Acetate	0.754	0.753	0.1	82	0.02
44	TM	Trichloroethene	0.377	0.360	4.5	76	0.01
45	C	1,2-Dichloropropane	0.376	0.362	3.7#	76	0.00
46	T	Dibromomethane	0.241	0.235	2.5	78	0.02
47	T	Bromodichloromethane	0.537	0.520	3.2	77	0.01
48	T	Methyl methacrylate	0.331	0.329	0.6	80	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.005	0.005	0.0	90	0.04
50	S	Toluene-d8	1.015	1.299	-28.0#	119	0.00
51	T	4-Methyl-2-Pentanone	0.467	0.481	-3.0	84	0.00
52	CM	Toluene	0.870	0.815	6.3#	73	0.01
53	T	t-1,3-Dichloropropene	0.575	0.555	3.5	76	0.01
54	T	cis-1,3-Dichloropropene	0.619	0.591	4.5	76	0.01
55	T	1,1,2-Trichloroethane	0.353	0.351	0.6	80	0.01
56	T	Ethyl methacrylate	0.520	0.527	-1.3	79	0.00
57	T	1,3-Dichloropropane	0.592	0.583	1.5	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.165	0.156	5.5	81	0.01
59	T	2-Hexanone	0.359	0.364	-1.4	84	0.00
60	T	Dibromochloromethane	0.412	0.409	0.7	79	0.00
61	T	1,2-Dibromoethane	0.345	0.337	2.3	80	0.00
62	S	4-Bromofluorobenzene	0.398	0.487	-22.4	110	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64	T	Tetrachloroethene	0.429	0.429	0.0	80	0.01
65	PM	Chlorobenzene	1.091	1.027	5.9	76	0.00
66	T	1,1,1,2-Tetrachloroethane	0.424	0.412	2.8	77	0.00
67	C	Ethyl Benzene	1.908	1.791	6.1#	74	0.01
68	T	m/p-Xylenes	0.725	0.686	5.4	74	0.00
69	T	o-Xylene	0.711	0.678	4.6	75	0.00
70	T	Styrene	1.217	1.183	2.8	75	0.00
71	P	Bromoform	0.307	0.316	-2.9	81	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73	T	Isopropylbenzene	3.751	3.401	9.3	75	0.01
74	T	N-amyl acetate	1.410	1.359	3.6	79	0.00
75	P	1,1,2,2-Tetrachloroethane	1.044	0.995	4.7	82	0.00
76	T	1,2,3-Trichloropropane	0.798	0.771	3.4	79	0.00
77	T	Bromobenzene	0.921	0.849	7.8	77	0.00
78	T	n-propylbenzene	4.557	4.105	9.9	73	0.01
79	T	2-Chlorotoluene	2.597	2.376	8.5	75	0.01
80	T	1,3,5-Trimethylbenzene	3.140	2.869	8.6	75	0.00
81	T	trans-1,4-Dichloro-2-butene	0.354	0.338	4.5	79	0.00
82	T	4-Chlorotoluene	2.712	2.444	9.9	74	0.01
83	T	tert-Butylbenzene	2.750	2.502	9.0	74	0.00
84	T	1,2,4-Trimethylbenzene	3.142	2.890	8.0	74	0.00
85	T	sec-Butylbenzene	4.116	3.756	8.7	74	0.00
86	T	p-Isopropyltoluene	3.438	3.117	9.3	73	0.00
87	T	1,3-Dichlorobenzene	1.827	1.675	8.3	75	0.01
88	T	1,4-Dichlorobenzene	1.827	1.680	8.0	76	0.00
89	T	n-Butylbenzene	3.256	2.922	10.3	73	0.00
90	T	Hexachloroethane	0.664	0.599	9.8	74	0.00
91	T	1,2-Dichlorobenzene	1.686	1.586	5.9	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.207	0.203	1.9	86	0.00
93	T	1,2,4-Trichlorobenzene	1.062	0.975	8.2	75	0.01
94	T	Hexachlorobutadiene	0.544	0.478	12.1	71	0.00
95	T	Naphthalene	2.768	2.752	0.6	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.980	0.915	6.6	76	0.00

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