Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
Data File : VY015886.D
Acq On : 10 Oct 2023 09:42
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 11 01:15:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 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	98	0.00
2	T	Dichlorodifluoromethane	0.200	0.191	4.5	88	0.00
3	P	Chloromethane	0.205	0.219	-6.8	93	0.00
4	C	Vinyl Chloride	0.261	0.269	-3.1#	89	0.00
5	T	Bromomethane	0.214	0.222	-3.7	92	0.01
6	T	Chloroethane	0.205	0.211	-2.9	91	0.01
7	T	Trichlorofluoromethane	0.554	0.534	3.6	89	0.01
8	T	Diethyl Ether	0.234	0.227	3.0	88	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.376	0.360	4.3	88	0.00
10	T	Methyl Iodide	0.333	0.365	-9.6	90	0.01
11	T	Tert butyl alcohol	0.093	0.059	36.6#	67	0.00
12	CM	1,1-Dichloroethene	0.289	0.294	-1.7#	90	0.01
13	T	Acrolein	0.027	0.022	18.5	76	0.01
14	T	Allyl chloride	0.533	0.550	-3.2	91	0.00
15	T	Acrylonitrile	0.161	0.140	13.0	80	0.00
16	T	Acetone	0.186	0.171	8.1	95	0.00
17	T	Carbon Disulfide	0.365	0.441	-20.8	91	0.01
18	T	Methyl Acetate	0.610	0.561	8.0	80	0.01
19	T	Methyl tert-butyl Ether	1.310	1.237	5.6	87	0.00
20	T	Methylene Chloride	0.630	0.470	25.4#	94	0.00
21	T	trans-1,2-Dichloroethene	0.335	0.348	-3.9	91	0.00
22	T	Diisopropyl ether	1.425	1.438	-0.9	92	0.01
23	T	Vinyl Acetate	0.784	0.741	5.5	85	0.01
24	P	1,1-Dichloroethane	0.785	0.786	-0.1	92	0.00
25	T	2-Butanone	0.247	0.215	13.0	85	0.00
26	T	2,2-Dichloropropane	0.730	0.700	4.1	91	0.00
27	T	cis-1,2-Dichloroethene	0.495	0.511	-3.2	95	0.00
28	T	Bromochloromethane	0.452	0.463	-2.4	102	0.00
29	T	Tetrahydrofuran	0.135	0.116	14.1	77	0.00
30	C	Chloroform	0.876	0.879	-0.3#	94	0.00
31	T	Cyclohexane	0.482	0.431	10.6	86	0.00
32	T	1,1,1-Trichloroethane	0.715	0.703	1.7	91	0.00
33	S	1,2-Dichloroethane-d4	0.450	0.445	1.1	99	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35	S	Dibromofluoromethane	0.279	0.272	2.5	100	0.00
36	T	1,1-Dichloropropene	0.309	0.304	1.6	90	0.00
37	T	Ethyl Acetate	0.265	0.229	13.6	80	0.00
38	T	Carbon Tetrachloride	0.371	0.349	5.9	89	0.00
39	T	Methylcyclohexane	0.314	0.298	5.1	86	0.00
40	TM	Benzene	0.971	0.968	0.3	92	0.00
41	T	Methacrylonitrile	0.165	0.127	23.0	73	-0.01
42	TM	1,2-Dichloroethane	0.331	0.320	3.3	90	0.00
43	T	Isopropyl Acetate	0.491	0.427	13.0	81	0.00
44	TM	Trichloroethene	0.281	0.279	0.7	92	0.00
45	C	1,2-Dichloropropane	0.292	0.287	1.7#	94	0.00
46	T	Dibromomethane	0.174	0.167	4.0	90	0.00
47	T	Bromodichloromethane	0.432	0.421	2.5	93	0.00
48	T	Methyl methacrylate	0.217	0.198	8.8	82	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.002	33.3#	75	0.00
50	S	Toluene-d8	0.919	0.920	-0.1	101	0.00
51	T	4-Methyl-2-Pentanone	0.294	0.248	15.6	79	0.00
52	CM	Toluene	0.644	0.635	1.4#	92	0.00
53	T	t-1,3-Dichloropropene	0.437	0.421	3.7	90	0.00
54	T	cis-1,3-Dichloropropene	0.475	0.462	2.7	91	0.00
55	T	1,1,2-Trichloroethane	0.277	0.254	8.3	88	0.00
56	T	Ethyl methacrylate	0.376	0.348	7.4	85	0.00
57	T	1,3-Dichloropropane	0.446	0.418	6.3	89	0.00
58	T	2-Chloroethyl Vinyl ether	0.229	0.225	1.7	97	0.00
59	T	2-Hexanone	0.222	0.194	12.6	83	0.00
60	T	Dibromochloromethane	0.332	0.310	6.6	89	0.00
61	T	1,2-Dibromoethane	0.253	0.231	8.7	86	0.00
62	S	4-Bromofluorobenzene	0.373	0.353	5.4	100	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.326	0.310	4.9	91	0.00
65	PM	Chlorobenzene	0.872	0.837	4.0	93	0.00
66	T	1,1,1,2-Tetrachloroethane	0.356	0.343	3.7	93	0.00
67	C	Ethyl Benzene	1.496	1.441	3.7#	92	0.00
68	T	m/p-Xylenes	0.564	0.551	2.3	93	0.00
69	T	o-Xylene	0.564	0.549	2.7	92	0.00
70	T	Styrene	0.984	0.967	1.7	92	0.00
71	P	Bromoform	0.248	0.227	8.5	87	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73	T	Isopropylbenzene	3.154	2.985	5.4	91	0.00
74	T	N-amyl acetate	0.994	0.880	11.5	82	0.00
75	P	1,1,2,2-Tetrachloroethane	0.818	0.701	14.3	83	0.00
76	T	1,2,3-Trichloropropane	0.584	0.501	14.2	89	0.00
77	T	Bromobenzene	0.773	0.722	6.6	90	0.00
78	T	n-propylbenzene	3.793	3.597	5.2	91	0.00
79	T	2-Chlorotoluene	2.161	2.074	4.0	92	0.00
80	T	1,3,5-Trimethylbenzene	2.600	2.528	2.8	93	0.00
81	T	trans-1,4-Dichloro-2-butene	0.263	0.234	11.0	82	0.00
82	T	4-Chlorotoluene	2.252	2.172	3.6	94	0.00
83	T	tert-Butylbenzene	2.426	2.290	5.6	89	0.00
84	T	1,2,4-Trimethylbenzene	2.618	2.527	3.5	92	0.00
85	T	sec-Butylbenzene	3.558	3.392	4.7	91	0.00
86	T	p-Isopropyltoluene	2.943	2.838	3.6	91	0.00
87	T	1,3-Dichlorobenzene	1.557	1.462	6.1	92	0.00
88	T	1,4-Dichlorobenzene	1.568	1.468	6.4	91	0.00
89	T	n-Butylbenzene	2.785	2.699	3.1	92	0.00
90	T	Hexachloroethane	0.591	0.563	4.7	92	0.00
91	T	1,2-Dichlorobenzene	1.447	1.351	6.6	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.144	0.120	16.7	79	0.00
93	T	1,2,4-Trichlorobenzene	0.928	0.857	7.7	89	0.00
94	T	Hexachlorobutadiene	0.497	0.474	4.6	93	0.00
95	T	Naphthalene	2.146	1.867	13.0	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.825	0.769	6.8	90	0.00

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