Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
Data File : VY013186.D
Acq On : 03 Apr 2023 19:15
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 03 23:12:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 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	95	0.00
2	T	Dichlorodifluoromethane	0.490	0.421	14.1	83	0.00
3	P	Chloromethane	0.511	0.314	38.6#	62	0.00
4	C	Vinyl Chloride	0.512	0.349	31.8#	67	0.00
5	T	Bromomethane	0.362	0.297	18.0	83	0.00
6	T	Chloroethane	0.321	0.271	15.6	84	0.00
7	T	Trichlorofluoromethane	0.912	0.714	21.7	75	0.00
8	T	Diethyl Ether	0.286	0.253	11.5	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.503	0.455	9.5	89	0.00
10	T	Methyl Iodide	0.655	0.596	9.0	82	0.00
11	T	Tert butyl alcohol	0.048	0.048	0.0	98	0.00
12	CM	1,1-Dichloroethene	0.486	0.430	11.5#	85	-0.01
13	T	Acrolein	0.068	0.056	17.6	79	0.00
14	T	Allyl chloride	0.828	0.658	20.5	77	0.00
15	T	Acrylonitrile	0.142	0.130	8.5	85	0.00
16	T	Acetone	0.164	0.129	21.3	65	0.00
17	T	Carbon Disulfide	1.619	1.327	18.0	80	-0.01
18	T	Methyl Acetate	0.518	0.442	14.7	80	0.00
19	T	Methyl tert-butyl Ether	1.232	1.197	2.8	90	0.00
20	T	Methylene Chloride	0.690	0.523	24.2	85	0.00
21	T	trans-1,2-Dichloroethene	0.548	0.493	10.0	86	0.00
22	T	Diisopropyl ether	1.618	1.369	15.4	78	0.00
23	T	Vinyl Acetate	0.920	0.818	11.1	80	0.00
24	P	1,1-Dichloroethane	0.958	0.815	14.9	83	0.00
25	T	2-Butanone	0.205	0.177	13.7	76	0.00
26	T	2,2-Dichloropropane	0.862	0.746	13.5	84	0.00
27	T	cis-1,2-Dichloroethene	0.590	0.548	7.1	87	-0.01
28	T	Bromochloromethane	0.411	0.343	16.5	77	0.00
29	T	Tetrahydrofuran	0.122	0.111	9.0	81	0.00
30	C	Chloroform	0.992	0.905	8.8#	89	0.00
31	T	Cyclohexane	0.877	0.713	18.7	79	0.00
32	T	1,1,1-Trichloroethane	0.877	0.839	4.3	91	0.00
33	S	1,2-Dichloroethane-d4	0.537	0.506	5.8	93	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.327	0.325	0.6	89	0.00
36	T	1,1-Dichloropropene	0.492	0.476	3.3	84	0.00
37	T	Ethyl Acetate	0.279	0.263	5.7	80	0.00
38	T	Carbon Tetrachloride	0.543	0.565	-4.1	93	0.00
39	T	Methylcyclohexane	0.577	0.581	-0.7	85	0.00
40	TM	Benzene	1.420	1.372	3.4	86	0.00
41	T	Methacrylonitrile	0.124	0.131	-5.6	92	0.00
42	TM	1,2-Dichloroethane	0.435	0.440	-1.1	91	0.00
43	T	Isopropyl Acetate	0.500	0.494	1.2	83	0.00
44	TM	Trichloroethene	0.391	0.392	-0.3	90	0.00
45	C	1,2-Dichloropropane	0.356	0.326	8.4#	82	0.00
46	T	Dibromomethane	0.204	0.209	-2.5	91	0.00
47	T	Bromodichloromethane	0.493	0.492	0.2	90	0.00
48	T	Methyl methacrylate	0.233	0.236	-1.3	84	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	93	0.00
50	S	Toluene-d8	1.233	1.031	16.4	74	0.00
51	T	4-Methyl-2-Pentanone	0.270	0.290	-7.4	90	0.00
52	CM	Toluene	0.881	0.802	9.0#	80	0.00
53	T	t-1,3-Dichloropropene	0.504	0.431	14.5	74	0.00
54	T	cis-1,3-Dichloropropene	0.575	0.529	8.0	81	0.00
55	T	1,1,2-Trichloroethane	0.282	0.256	9.2	81	0.00
56	T	Ethyl methacrylate	0.355	0.332	6.5	78	0.00
57	T	1,3-Dichloropropane	0.477	0.459	3.8	84	0.00
58	T	2-Chloroethyl Vinyl ether	0.166	0.168	-1.2	88	0.00
59	T	2-Hexanone	0.195	0.207	-6.2	85	0.00
60	T	Dibromochloromethane	0.355	0.323	9.0	80	0.00
61	T	1,2-Dibromoethane	0.274	0.245	10.6	80	0.00
62	S	4-Bromofluorobenzene	0.401	0.410	-2.2	90	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64	T	Tetrachloroethene	0.384	0.422	-9.9	85	0.00
65	PM	Chlorobenzene	1.061	1.102	-3.9	81	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.439	-10.3	86	0.00
67	C	Ethyl Benzene	1.833	2.046	-11.6#	84	0.00
68	T	m/p-Xylenes	0.709	0.779	-9.9	81	0.00
69	T	o-Xylene	0.658	0.812	-23.4	92	0.00
70	T	Styrene	1.100	1.368	-24.4	92	0.00
71	P	Bromoform	0.247	0.327	-32.4#	99	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73	T	Isopropylbenzene	3.451	3.451	0.0	91	0.00
74	T	N-amyl acetate	0.948	0.886	6.5	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.723	0.698	3.5	89	0.00
76	T	1,2,3-Trichloropropane	0.562	0.518	7.8	84	0.00
77	T	Bromobenzene	0.858	0.873	-1.7	95	0.00
78	T	n-propylbenzene	4.244	4.145	2.3	89	0.00
79	T	2-Chlorotoluene	2.408	2.304	4.3	90	0.00
80	T	1,3,5-Trimethylbenzene	2.886	2.921	-1.2	93	0.00
81	T	trans-1,4-Dichloro-2-butene	0.252	0.239	5.2	85	0.00
82	T	4-Chlorotoluene	2.506	2.436	2.8	91	0.00
83	T	tert-Butylbenzene	2.478	2.580	-4.1	94	0.00
84	T	1,2,4-Trimethylbenzene	2.826	2.868	-1.5	92	0.00
85	T	sec-Butylbenzene	3.742	3.786	-1.2	92	0.00
86	T	p-Isopropyltoluene	3.081	3.175	-3.1	94	0.00
87	T	1,3-Dichlorobenzene	1.701	1.679	1.3	94	0.00
88	T	1,4-Dichlorobenzene	1.705	1.675	1.8	95	0.00
89	T	n-Butylbenzene	2.880	2.824	1.9	89	0.00
90	T	Hexachloroethane	0.642	0.619	3.6	93	0.00
91	T	1,2-Dichlorobenzene	1.519	1.515	0.3	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.120	0.117	2.5	92	0.00
93	T	1,2,4-Trichlorobenzene	0.886	0.891	-0.6	91	0.00
94	T	Hexachlorobutadiene	0.545	0.536	1.7	91	0.00
95	T	Naphthalene	1.657	1.786	-7.8	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.781	0.796	-1.9	91	0.00

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