Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
Data File : VY017216.D
Acq On : 03 Feb 2024 05:15
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Feb 03 05:37:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
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	84	0.02
2	T	Dichlorodifluoromethane	0.379	0.288	24.0	75	0.01
3	P	Chloromethane	0.681	0.598	12.2	82	0.00
4	C	Vinyl Chloride	0.830	0.689	17.0#	78	0.01
5	T	Bromomethane	0.575	0.527	8.3	88	0.01
6	T	Chloroethane	0.536	0.483	9.9	83	0.02
7	T	Trichlorofluoromethane	0.853	0.682	20.0	74	0.02
8	T	Diethyl Ether	0.268	0.256	4.5	83	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.517	0.433	16.2	76	0.03
10	T	Methyl Iodide	0.544	0.469	13.8	74	0.02
11	T	Tert butyl alcohol	0.044	0.030	31.8#	75	0.02
12	CM	1,1-Dichloroethene	0.485	0.438	9.7#	82	0.02
13	T	Acrolein	0.041	0.032	22.0	77	0.02
14	T	Allyl chloride	0.733	0.679	7.4	82	0.02
15	T	Acrylonitrile	0.121	0.115	5.0	84	0.03
16	T	Acetone	0.131	0.083	36.6#	62	0.02
17	T	Carbon Disulfide	1.547	1.416	8.5	82	0.02
18	T	Methyl Acetate	0.293	0.315	-7.5	86	0.02
19	T	Methyl tert-butyl Ether	1.167	1.097	6.0	82	0.02
20	T	Methylene Chloride	0.617	0.564	8.6	91	0.02
21	T	trans-1,2-Dichloroethene	0.551	0.542	1.6	87	0.03
22	T	Diisopropyl ether	1.609	1.642	-2.1	88	0.02
23	T	Vinyl Acetate	0.975	0.887	9.0	80	0.02
24	P	1,1-Dichloroethane	0.986	0.957	2.9	87	0.02
25	T	2-Butanone	0.175	0.136	22.3	73	0.03
26	T	2,2-Dichloropropane	0.820	0.640	22.0	70	0.02
27	T	cis-1,2-Dichloroethene	0.617	0.615	0.3	88	0.02
28	T	Bromochloromethane	0.377	0.406	-7.7	84	0.02
29	T	Tetrahydrofuran	0.099	0.094	5.1	84	0.02
30	C	Chloroform	0.992	0.976	1.6#	88	0.02
31	T	Cyclohexane	0.900	0.745	17.2	77	0.02
32	T	1,1,1-Trichloroethane	0.853	0.793	7.0	83	0.02
33	S	1,2-Dichloroethane-d4	0.447	0.510	-14.1	92	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.02
35	S	Dibromofluoromethane	0.270	0.299	-10.7	95	0.02
36	T	1,1-Dichloropropene	0.466	0.402	13.7	80	0.02
37	T	Ethyl Acetate	0.216	0.177	18.1	79	0.02
38	T	Carbon Tetrachloride	0.446	0.375	15.9	80	0.02
39	T	Methylcyclohexane	0.544	0.449	17.5	76	0.02
40	TM	Benzene	1.330	1.263	5.0	90	0.02
41	T	Methacrylonitrile	0.102	0.094	7.8	89	0.02
42	TM	1,2-Dichloroethane	0.352	0.319	9.4	85	0.02
43	T	Isopropyl Acetate	0.382	0.338	11.5	83	0.02
44	TM	Trichloroethene	0.338	0.312	7.7	86	0.02
45	C	1,2-Dichloropropane	0.327	0.311	4.9#	89	0.01
46	T	Dibromomethane	0.176	0.163	7.4	86	0.01
47	T	Bromodichloromethane	0.442	0.412	6.8	88	0.02
48	T	Methyl methacrylate	0.179	0.156	12.8	80	0.01

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	78	0.01
50	S	Toluene-d8	0.983	1.104	-12.3	93	0.02
51	T	4-Methyl-2-Pentanone	0.205	0.183	10.7	83	0.01
52	CM	Toluene	0.803	0.764	4.9#	88	0.01
53	T	t-1,3-Dichloropropene	0.415	0.371	10.6	82	0.01
54	T	cis-1,3-Dichloropropene	0.497	0.455	8.5	84	0.01
55	T	1,1,2-Trichloroethane	0.240	0.223	7.1	86	0.01
56	T	Ethyl methacrylate	0.292	0.272	6.8	83	0.01
57	T	1,3-Dichloropropane	0.413	0.388	6.1	87	0.00
58	T	2-Chloroethyl Vinyl ether	0.150	0.152	-1.3	88	0.01
59	T	2-Hexanone	0.148	0.120	18.9	76	0.01
60	T	Dibromochloromethane	0.282	0.257	8.9	86	0.01
61	T	1,2-Dibromoethane	0.223	0.206	7.6	88	0.01
62	S	4-Bromofluorobenzene	0.322	0.355	-10.2	94	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.01
64	T	Tetrachloroethene	0.325	0.311	4.3	94	0.01
65	PM	Chlorobenzene	0.965	0.889	7.9	88	0.01
66	T	1,1,1,2-Tetrachloroethane	0.351	0.320	8.8	88	0.01
67	C	Ethyl Benzene	1.743	1.603	8.0#	86	0.01
68	T	m/p-Xylenes	0.662	0.612	7.6	87	0.01
69	T	o-Xylene	0.609	0.578	5.1	88	0.01
70	T	Styrene	1.004	0.975	2.9	88	0.01
71	P	Bromoform	0.184	0.165	10.3	86	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.01
73	T	Isopropylbenzene	3.673	3.337	9.1	85	0.01
74	T	N-amyl acetate	0.825	0.710	13.9	80	0.00
75	P	1,1,2,2-Tetrachloroethane	0.722	0.627	13.2	84	0.01
76	T	1,2,3-Trichloropropane	0.461	0.441	4.3	96	0.00
77	T	Bromobenzene	0.815	0.739	9.3	88	0.01
78	T	n-propylbenzene	4.511	4.100	9.1	85	0.01
79	T	2-Chlorotoluene	2.480	2.289	7.7	88	0.01
80	T	1,3,5-Trimethylbenzene	2.921	2.708	7.3	87	0.01
81	T	trans-1,4-Dichloro-2-butene	0.222	0.172	22.5	74	0.01
82	T	4-Chlorotoluene	2.553	2.345	8.1	87	0.01
83	T	tert-Butylbenzene	2.504	2.316	7.5	86	0.01
84	T	1,2,4-Trimethylbenzene	2.884	2.675	7.2	86	0.00
85	T	sec-Butylbenzene	3.914	3.505	10.4	84	0.00
86	T	p-Isopropyltoluene	3.128	2.820	9.8	84	0.00
87	T	1,3-Dichlorobenzene	1.625	1.459	10.2	87	0.01
88	T	1,4-Dichlorobenzene	1.579	1.432	9.3	89	0.01
89	T	n-Butylbenzene	2.974	2.654	10.8	83	0.01
90	T	Hexachloroethane	0.642	0.574	10.6	87	0.00
91	T	1,2-Dichlorobenzene	1.384	1.257	9.2	88	0.01
92	T	1,2-Dibromo-3-Chloropropane	0.094	0.078	17.0	82	0.01
93	T	1,2,4-Trichlorobenzene	0.687	0.605	11.9	85	0.01
94	T	Hexachlorobutadiene	0.405	0.347	14.3	86	0.01
95	T	Naphthalene	1.270	1.122	11.7	85	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.585	0.523	10.6	89	0.00

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