Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016925.D
Acq On : 05 Jan 2024 16:57
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 05 22:37:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 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	86	0.02
2	T	Dichlorodifluoromethane	0.403	0.325	19.4	72	0.00
3	P	Chloromethane	0.587	0.650	-10.7	93	0.00
4	C	Vinyl Chloride	0.693	0.713	-2.9#	85	0.00
5	T	Bromomethane	0.496	0.532	-7.3	94	0.01
6	T	Chloroethane	0.469	0.490	-4.5	87	0.01
7	T	Trichlorofluoromethane	0.854	0.792	7.3	77	0.01
8	T	Diethyl Ether	0.273	0.270	1.1	80	0.02
9	T	1,1,2-Trichlorotrifluoroeth	0.555	0.506	8.8	77	0.02
10	T	Methyl Iodide	0.472	0.467	1.1	76	0.02
11	T	Tert butyl alcohol	0.048	0.035	27.1#	81	0.04
12	CM	1,1-Dichloroethene	0.476	0.471	1.1#	82	0.02
13	T	Acrolein	0.060	0.035	41.7#	56	0.02
14	T	Allyl chloride	0.753	0.764	-1.5	82	0.02
15	T	Acrylonitrile	0.128	0.129	-0.8	84	0.02
16	T	Acetone	0.149	0.097	34.9#	66	0.02
17	T	Carbon Disulfide	1.138	1.156	-1.6	79	0.02
18	T	Methyl Acetate	0.529	0.651	-23.1	91	0.02
19	T	Methyl tert-butyl Ether	1.239	1.279	-3.2	83	0.02
20	T	Methylene Chloride	0.817	0.613	25.0	79	0.02
21	T	trans-1,2-Dichloroethene	0.545	0.554	-1.7	82	0.02
22	T	Diisopropyl ether	1.741	1.837	-5.5	83	0.02
23	T	Vinyl Acetate	0.798	0.751	5.9	77	0.02
24	P	1,1-Dichloroethane	1.046	1.095	-4.7	85	0.02
25	T	2-Butanone	0.188	0.155	17.6	75	0.02
26	T	2,2-Dichloropropane	0.907	0.790	12.9	72	0.02
27	T	cis-1,2-Dichloroethene	0.639	0.667	-4.4	85	0.02
28	T	Bromochloromethane	0.393	0.459	-16.8	88	0.02
29	T	Tetrahydrofuran	0.100	0.102	-2.0	83	0.02
30	C	Chloroform	1.078	1.118	-3.7#	85	0.02
31	T	Cyclohexane	0.848	0.792	6.6	78	0.01
32	T	1,1,1-Trichloroethane	0.914	0.929	-1.6	83	0.02
33	S	1,2-Dichloroethane-d4	0.494	0.445	9.9	76	0.02
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.01
35	S	Dibromofluoromethane	0.319	0.271	15.0	76	0.02
36	T	1,1-Dichloropropene	0.464	0.443	4.5	82	0.02
37	T	Ethyl Acetate	0.211	0.200	5.2	82	0.02
38	T	Carbon Tetrachloride	0.472	0.437	7.4	80	0.01
39	T	Methylcyclohexane	0.522	0.484	7.3	76	0.02
40	TM	Benzene	1.393	1.371	1.6	85	0.02
41	T	Methacrylonitrile	0.111	0.117	-5.4	100	0.02
42	TM	1,2-Dichloroethane	0.370	0.359	3.0	85	0.01
43	T	Isopropyl Acetate	0.404	0.386	4.5	83	0.02
44	TM	Trichloroethene	0.354	0.341	3.7	83	0.02
45	C	1,2-Dichloropropane	0.359	0.354	1.4#	85	0.01
46	T	Dibromomethane	0.183	0.179	2.2	85	0.02
47	T	Bromodichloromethane	0.491	0.471	4.1	84	0.01
48	T	Methyl methacrylate	0.218	0.217	0.5	83	0.01

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	86	0.02
50	S	Toluene-d8	1.097	0.968	11.8	76	0.01
51	T	4-Methyl-2-Pentanone	0.215	0.216	-0.5	84	0.01
52	CM	Toluene	0.841	0.830	1.3#	84	0.02
53	T	t-1,3-Dichloropropene	0.440	0.412	6.4	79	0.02
54	T	cis-1,3-Dichloropropene	0.529	0.502	5.1	81	0.01
55	T	1,1,2-Trichloroethane	0.267	0.256	4.1	84	0.01
56	T	Ethyl methacrylate	0.226	0.228	-0.9	84	0.01
57	T	1,3-Dichloropropane	0.446	0.435	2.5	85	0.01
58	T	2-Chloroethyl Vinyl ether	0.129	0.143	-10.9	90	0.02
59	T	2-Hexanone	0.158	0.141	10.8	79	0.01
60	T	Dibromochloromethane	0.308	0.292	5.2	82	0.01
61	T	1,2-Dibromoethane	0.232	0.228	1.7	83	0.01
62	S	4-Bromofluorobenzene	0.370	0.312	15.7	75	0.01
63	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.01
64	T	Tetrachloroethene	0.324	0.334	-3.1	90	0.02
65	PM	Chlorobenzene	1.042	1.002	3.8	84	0.01
66	T	1,1,1,2-Tetrachloroethane	0.396	0.375	5.3	82	0.01
67	C	Ethyl Benzene	1.875	1.845	1.6#	82	0.01
68	T	m/p-Xylenes	0.688	0.673	2.2	81	0.01
69	T	o-Xylene	0.645	0.652	-1.1	84	0.01
70	T	Styrene	0.939	0.946	-0.7	82	0.01
71	P	Bromoform	0.195	0.186	4.6	81	0.01
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.01
73	T	Isopropylbenzene	4.083	4.210	-3.1	82	0.01
74	T	N-amyl acetate	0.820	0.842	-2.7	82	0.00
75	P	1,1,2,2-Tetrachloroethane	0.832	0.813	2.3	83	0.00
76	T	1,2,3-Trichloropropane	0.543	0.589	-8.5	81	0.01
77	T	Bromobenzene	0.899	0.876	2.6	81	0.01
78	T	n-propylbenzene	4.964	5.001	-0.7	80	0.01
79	T	2-Chlorotoluene	2.753	2.740	0.5	81	0.01
80	T	1,3,5-Trimethylbenzene	3.229	3.258	-0.9	80	0.01
81	T	trans-1,4-Dichloro-2-butene	0.239	0.218	8.8	77	0.01
82	T	4-Chlorotoluene	2.812	2.816	-0.1	82	0.01
83	T	tert-Butylbenzene	2.844	2.894	-1.8	82	0.00
84	T	1,2,4-Trimethylbenzene	3.180	3.234	-1.7	81	0.01
85	T	sec-Butylbenzene	4.214	4.123	2.2	78	0.00
86	T	p-Isopropyltoluene	3.478	3.398	2.3	77	0.00
87	T	1,3-Dichlorobenzene	1.763	1.699	3.6	79	0.01
88	T	1,4-Dichlorobenzene	1.724	1.629	5.5	79	0.01
89	T	n-Butylbenzene	3.344	3.148	5.9	74	0.01
90	T	Hexachloroethane	0.747	0.712	4.7	79	0.01
91	T	1,2-Dichlorobenzene	1.524	1.459	4.3	79	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.104	0.103	1.0	86	0.00
93	T	1,2,4-Trichlorobenzene	0.757	0.723	4.5	75	0.00
94	T	Hexachlorobutadiene	0.474	0.383	19.2	66	0.00
95	T	Naphthalene	1.345	1.488	-10.6	85	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.642	0.627	2.3	77	0.01

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