Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
Data File : VY018912.D
Acq On : 25 Jul 2024 11:04
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: Jul 26 03:32:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 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	85	0.03
2	T	Dichlorodifluoromethane	0.419	0.355	15.3	67	0.00
3	P	Chloromethane	0.637	0.513	19.5	67	0.00
4	C	Vinyl Chloride	0.745	0.627	15.8#	68	0.00
5	T	Bromomethane	0.512	0.481	6.1	84	0.00
6	T	Chloroethane	0.484	0.446	7.9	78	0.00
7	T	Trichlorofluoromethane	0.973	0.906	6.9	74	0.01
8	T	Diethyl Ether	0.237	0.237	0.0	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.474	5.0	75	0.00
10	T	Methyl Iodide	0.538	0.550	-2.2	78	0.00
11	T	Tert butyl alcohol	0.050	0.035	30.0#	80	0.00
12	CM	1,1-Dichloroethene	0.483	0.465	3.7#	80	0.00
13	T	Acrolein	0.040	0.016	60.0#	37#	0.00
14	T	Allyl chloride	0.598	0.582	2.7	81	0.00
15	T	Acrylonitrile	0.094	0.096	-2.1	85	0.01
16	T	Acetone	0.091	0.099	-8.8	94	0.00
17	T	Carbon Disulfide	1.353	1.111	17.9	66	0.00
18	T	Methyl Acetate	0.264	0.250	5.3	87	0.00
19	T	Methyl tert-butyl Ether	1.121	1.143	-2.0	84	0.00
20	T	Methylene Chloride	0.610	0.556	8.9	88	0.00
21	T	trans-1,2-Dichloroethene	0.510	0.480	5.9	77	0.01
22	T	Diisopropyl ether	1.302	1.269	2.5	83	0.01
23	T	Vinyl Acetate	1.026	1.038	-1.2	82	0.00
24	P	1,1-Dichloroethane	0.831	0.814	2.0	83	0.00
25	T	2-Butanone	0.127	0.132	-3.9	88	0.02
26	T	2,2-Dichloropropane	0.771	0.764	0.9	83	0.02
27	T	cis-1,2-Dichloroethene	0.594	0.591	0.5	85	0.02
28	T	Bromochloromethane	0.334	0.349	-4.5	89	0.02
29	T	Tetrahydrofuran	0.078	0.081	-3.8	85	0.02
30	C	Chloroform	0.926	0.945	-2.1#	86	0.03
31	T	Cyclohexane	0.756	0.640	15.3	72	0.03
32	T	1,1,1-Trichloroethane	0.861	0.873	-1.4	82	0.03
33	S	1,2-Dichloroethane-d4	0.492	0.452	8.1	74	0.04
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.04
35	S	Dibromofluoromethane	0.313	0.314	-0.3	77	0.03
36	T	1,1-Dichloropropene	0.432	0.418	3.2	77	0.04
37	T	Ethyl Acetate	0.180	0.190	-5.6	82	0.01
38	T	Carbon Tetrachloride	0.521	0.524	-0.6	78	0.03
39	T	Methylcyclohexane	0.554	0.522	5.8	73	0.05
40	TM	Benzene	1.254	1.282	-2.2	83	0.04
41	T	Methacrylonitrile	0.102	0.103	-1.0	88	0.00
42	TM	1,2-Dichloroethane	0.351	0.364	-3.7	84	0.03
43	T	Isopropyl Acetate	0.357	0.368	-3.1	83	0.04
44	TM	Trichloroethene	0.358	0.364	-1.7	83	0.05
45	C	1,2-Dichloropropane	0.273	0.277	-1.5#	83	0.05
46	T	Dibromomethane	0.177	0.186	-5.1	83	0.05
47	T	Bromodichloromethane	0.442	0.485	-9.7	88	0.05
48	T	Methyl methacrylate	0.162	0.163	-0.6	80	0.05

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	82	0.05
50	S	Toluene-d8	1.186	1.091	8.0	70	0.06
51	T	4-Methyl-2-Pentanone	0.182	0.195	-7.1	84	0.06
52	CM	Toluene	0.833	0.845	-1.4#	82	0.06
53	T	t-1,3-Dichloropropene	0.382	0.407	-6.5	86	0.07
54	T	cis-1,3-Dichloropropene	0.448	0.475	-6.0	84	0.05
55	T	1,1,2-Trichloroethane	0.224	0.245	-9.4	89	0.06
56	T	Ethyl methacrylate	0.295	0.316	-7.1	85	0.07
57	T	1,3-Dichloropropane	0.371	0.389	-4.9	84	0.07
58	T	2-Chloroethyl Vinyl ether	0.141	0.151	-7.1	80	0.05
59	T	2-Hexanone	0.128	0.140	-9.4	85	0.07
60	T	Dibromochloromethane	0.308	0.344	-11.7	89	0.07
61	T	1,2-Dibromoethane	0.218	0.228	-4.6	82	0.07
62	S	4-Bromofluorobenzene	0.405	0.382	5.7	74	0.10
63	I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.08
64	T	Tetrachloroethene	0.405	0.418	-3.2	83	0.07
65	PM	Chlorobenzene	1.055	1.072	-1.6	84	0.07
66	T	1,1,1,2-Tetrachloroethane	0.363	0.394	-8.5	90	0.08
67	C	Ethyl Benzene	1.848	1.846	0.1#	83	0.08
68	T	m/p-Xylenes	0.725	0.725	0.0	82	0.09
69	T	o-Xylene	0.682	0.700	-2.6	84	0.09
70	T	Styrene	1.137	1.191	-4.7	86	0.09
71	P	Bromoform	0.198	0.222	-12.1	90	0.09
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.12
73	T	Isopropylbenzene	3.659	3.670	-0.3	83	0.09
74	T	N-amyl acetate	0.748	0.753	-0.7	79	0.09
75	P	1,1,2,2-Tetrachloroethane	0.577	0.575	0.3	84	0.10
76	T	1,2,3-Trichloropropane	0.392	0.387	1.3	89	0.10
77	T	Bromobenzene	0.874	0.882	-0.9	86	0.10
78	T	n-propylbenzene	4.346	4.193	3.5	80	0.10
79	T	2-Chlorotoluene	2.443	2.377	2.7	83	0.10
80	T	1,3,5-Trimethylbenzene	2.994	3.003	-0.3	84	0.10
81	T	trans-1,4-Dichloro-2-butene	0.175	0.183	-4.6	83	0.09
82	T	4-Chlorotoluene	2.516	2.379	5.4	80	0.00
83	T	tert-Butylbenzene	2.764	2.762	0.1	84	0.11
84	T	1,2,4-Trimethylbenzene	2.975	2.929	1.5	83	0.11
85	T	sec-Butylbenzene	3.924	3.832	2.3	79	0.11
86	T	p-Isopropyltoluene	3.387	3.377	0.3	83	0.11
87	T	1,3-Dichlorobenzene	1.716	1.729	-0.8	85	0.12
88	T	1,4-Dichlorobenzene	1.701	1.669	1.9	84	0.12
89	T	n-Butylbenzene	3.071	3.004	2.2	80	0.12
90	T	Hexachloroethane	0.630	0.651	-3.3	85	0.13
91	T	1,2-Dichlorobenzene	1.482	1.484	-0.1	85	0.12
92	T	1,2-Dibromo-3-Chloropropane	0.093	0.094	-1.1	78	0.13
93	T	1,2,4-Trichlorobenzene	0.905	0.927	-2.4	82	0.15
94	T	Hexachlorobutadiene	0.521	0.563	-8.1	85	0.16
95	T	Naphthalene	1.552	1.548	0.3	78	0.16

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.774	0.769	0.6	80	0.18

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