Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
Data File : VY018910.D
Acq On : 24 Jul 2024 16:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 25 01:30:25 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	76	0.03
2	T	Dichlorodifluoromethane	0.419	0.317	24.3	54	0.00
3	P	Chloromethane	0.637	0.541	15.1	63	0.00
4	C	Vinyl Chloride	0.745	0.675	9.4#	66	0.00
5	T	Bromomethane	0.512	0.481	6.1	76	0.00
6	T	Chloroethane	0.484	0.450	7.0	71	0.00
7	T	Trichlorofluoromethane	0.973	0.954	2.0	70	0.01
8	T	Diethyl Ether	0.237	0.256	-8.0	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.512	-2.6	73	0.00
10	T	Methyl Iodide	0.538	0.570	-5.9	72	0.01
11	T	Tert butyl alcohol	0.050	0.036	28.0#	73	0.00
12	CM	1,1-Dichloroethene	0.483	0.474	1.9#	73	0.00
13	T	Acrolein	0.040	0.017	57.5#	35#	0.00
14	T	Allyl chloride	0.598	0.621	-3.8	78	0.00
15	T	Acrylonitrile	0.094	0.101	-7.4	81	0.01
16	T	Acetone	0.091	0.097	-6.6	83	0.00
17	T	Carbon Disulfide	1.353	1.250	7.6	67	0.00
18	T	Methyl Acetate	0.264	0.280	-6.1	87	0.00
19	T	Methyl tert-butyl Ether	1.121	1.176	-4.9	78	0.00
20	T	Methylene Chloride	0.610	0.620	-1.6	88	0.00
21	T	trans-1,2-Dichloroethene	0.510	0.519	-1.8	75	0.02
22	T	Diisopropyl ether	1.302	1.329	-2.1	78	0.01
23	T	Vinyl Acetate	1.026	1.053	-2.6	75	0.01
24	P	1,1-Dichloroethane	0.831	0.867	-4.3	79	0.01
25	T	2-Butanone	0.127	0.132	-3.9	79	0.02
26	T	2,2-Dichloropropane	0.771	0.765	0.8	75	0.02
27	T	cis-1,2-Dichloroethene	0.594	0.610	-2.7	79	0.02
28	T	Bromochloromethane	0.334	0.339	-1.5	77	0.02
29	T	Tetrahydrofuran	0.078	0.084	-7.7	79	0.02
30	C	Chloroform	0.926	0.949	-2.5#	78	0.03
31	T	Cyclohexane	0.756	0.675	10.7	68	0.03
32	T	1,1,1-Trichloroethane	0.861	0.893	-3.7	75	0.04
33	S	1,2-Dichloroethane-d4	0.492	0.493	-0.2	72	0.04
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.05
35	S	Dibromofluoromethane	0.313	0.335	-7.0	74	0.04
36	T	1,1-Dichloropropene	0.432	0.426	1.4	71	0.03
37	T	Ethyl Acetate	0.180	0.194	-7.8	76	0.00
38	T	Carbon Tetrachloride	0.521	0.524	-0.6	71	0.04
39	T	Methylcyclohexane	0.554	0.551	0.5	70	0.05
40	TM	Benzene	1.254	1.310	-4.5	78	0.04
41	T	Methacrylonitrile	0.102	0.098	3.9	76	-0.01
42	TM	1,2-Dichloroethane	0.351	0.374	-6.6	79	0.04
43	T	Isopropyl Acetate	0.357	0.370	-3.6	76	0.04
44	TM	Trichloroethene	0.358	0.380	-6.1	79	0.05
45	C	1,2-Dichloropropane	0.273	0.293	-7.3#	80	0.05
46	T	Dibromomethane	0.177	0.193	-9.0	78	0.05
47	T	Bromodichloromethane	0.442	0.485	-9.7	80	0.05
48	T	Methyl methacrylate	0.162	0.172	-6.2	77	0.05

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	78	0.05
50	S	Toluene-d8	1.186	1.181	0.4	69	0.07
51	T	4-Methyl-2-Pentanone	0.182	0.197	-8.2	77	0.06
52	CM	Toluene	0.833	0.830	0.4#	74	0.06
53	T	t-1,3-Dichloropropene	0.382	0.416	-8.9	80	0.07
54	T	cis-1,3-Dichloropropene	0.448	0.486	-8.5	79	0.06
55	T	1,1,2-Trichloroethane	0.224	0.244	-8.9	81	0.07
56	T	Ethyl methacrylate	0.295	0.310	-5.1	76	0.07
57	T	1,3-Dichloropropane	0.371	0.395	-6.5	78	0.07
58	T	2-Chloroethyl Vinyl ether	0.141	0.151	-7.1	72	0.05
59	T	2-Hexanone	0.128	0.134	-4.7	74	0.07
60	T	Dibromochloromethane	0.308	0.341	-10.7	81	0.07
61	T	1,2-Dibromoethane	0.218	0.232	-6.4	76	0.08
62	S	4-Bromofluorobenzene	0.405	0.414	-2.2	73	0.10
63	I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.09
64	T	Tetrachloroethene	0.405	0.436	-7.7	78	0.07
65	PM	Chlorobenzene	1.055	1.119	-6.1	79	0.08
66	T	1,1,1,2-Tetrachloroethane	0.363	0.397	-9.4	81	0.08
67	C	Ethyl Benzene	1.848	1.891	-2.3#	76	0.09
68	T	m/p-Xylenes	0.725	0.302	58.3#	31#	-0.02
69	T	o-Xylene	0.682	0.696	-2.1	75	0.09
70	T	Styrene	1.137	1.194	-5.0	77	0.09
71	P	Bromoform	0.198	0.233	-17.7	84	0.09
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.12
73	T	Isopropylbenzene	3.659	3.675	-0.4	75	0.09
74	T	N-amyl acetate	0.748	0.747	0.1	71	0.09
75	P	1,1,2,2-Tetrachloroethane	0.577	0.595	-3.1	78	0.10
76	T	1,2,3-Trichloropropane	0.392	0.420	-7.1	87	0.10
77	T	Bromobenzene	0.874	0.892	-2.1	78	0.10
78	T	n-propylbenzene	4.346	4.222	2.9	73	0.10
79	T	2-Chlorotoluene	2.443	2.416	1.1	76	0.10
80	T	1,3,5-Trimethylbenzene	2.994	2.974	0.7	75	0.11
81	T	trans-1,4-Dichloro-2-butene	0.175	0.181	-3.4	74	0.10
82	T	4-Chlorotoluene	2.516	2.467	1.9	75	0.11
83	T	tert-Butylbenzene	2.764	2.733	1.1	75	0.11
84	T	1,2,4-Trimethylbenzene	2.975	2.902	2.5	74	0.11
85	T	sec-Butylbenzene	3.924	3.932	-0.2	74	0.11
86	T	p-Isopropyltoluene	3.387	3.363	0.7	74	0.12
87	T	1,3-Dichlorobenzene	1.716	1.742	-1.5	77	0.12
88	T	1,4-Dichlorobenzene	1.701	1.691	0.6	77	0.12
89	T	n-Butylbenzene	3.071	2.969	3.3	71	0.12
90	T	Hexachloroethane	0.630	0.648	-2.9	77	0.13
91	T	1,2-Dichlorobenzene	1.482	1.479	0.2	77	0.12
92	T	1,2-Dibromo-3-Chloropropane	0.093	0.091	2.2	69	0.13
93	T	1,2,4-Trichlorobenzene	0.905	0.937	-3.5	75	0.15
94	T	Hexachlorobutadiene	0.521	0.531	-1.9	72	0.16
95	T	Naphthalene	1.552	1.578	-1.7	72	0.16

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.774	0.791	-2.2	74	0.18

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