Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018808.D
Acq On : 12 Jul 2024 19:31
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 12 23:45:00 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	90	0.00
2	T	Dichlorodifluoromethane	0.419	0.400	4.5	79	0.00
3	P	Chloromethane	0.637	0.580	8.9	80	0.00
4	C	Vinyl Chloride	0.745	0.734	1.5#	84	0.00
5	T	Bromomethane	0.512	0.482	5.9	89	0.00
6	T	Chloroethane	0.484	0.484	0.0	90	0.00
7	T	Trichlorofluoromethane	0.973	0.940	3.4	81	0.01
8	T	Diethyl Ether	0.237	0.245	-3.4	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.499	0.505	-1.2	85	0.00
10	T	Methyl Iodide	0.538	0.581	-8.0	87	0.00
11	T	Tert butyl alcohol	0.050	0.031	38.0#	74	0.00
12	CM	1,1-Dichloroethene	0.483	0.470	2.7#	85	0.00
13	T	Acrolein	0.040	0.035	12.5	84	0.00
14	T	Allyl chloride	0.598	0.584	2.3	86	0.00
15	T	Acrylonitrile	0.094	0.096	-2.1	90	0.01
16	T	Acetone	0.091	0.073	19.8	74	0.00
17	T	Carbon Disulfide	1.353	1.257	7.1	79	0.00
18	T	Methyl Acetate	0.264	0.278	-5.3	102	0.00
19	T	Methyl tert-butyl Ether	1.121	1.155	-3.0	90	0.00
20	T	Methylene Chloride	0.610	0.570	6.6	95	0.00
21	T	trans-1,2-Dichloroethene	0.510	0.506	0.8	86	0.00
22	T	Diisopropyl ether	1.302	1.299	0.2	90	0.00
23	T	Vinyl Acetate	1.026	1.020	0.6	85	0.00
24	P	1,1-Dichloroethane	0.831	0.818	1.6	88	0.00
25	T	2-Butanone	0.127	0.118	7.1	83	0.00
26	T	2,2-Dichloropropane	0.771	0.666	13.6	77	0.00
27	T	cis-1,2-Dichloroethene	0.594	0.602	-1.3	91	0.00
28	T	Bromochloromethane	0.334	0.321	3.9	86	0.00
29	T	Tetrahydrofuran	0.078	0.080	-2.6	88	0.00
30	C	Chloroform	0.926	0.936	-1.1#	90	0.00
31	T	Cyclohexane	0.756	0.707	6.5	84	0.00
32	T	1,1,1-Trichloroethane	0.861	0.864	-0.3	86	0.00
33	S	1,2-Dichloroethane-d4	0.492	0.529	-7.5	91	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35	S	Dibromofluoromethane	0.313	0.343	-9.6	93	0.00
36	T	1,1-Dichloropropene	0.432	0.412	4.6	84	0.00
37	T	Ethyl Acetate	0.180	0.173	3.9	83	0.00
38	T	Carbon Tetrachloride	0.521	0.504	3.3	83	0.00
39	T	Methylcyclohexane	0.554	0.546	1.4	85	0.00
40	TM	Benzene	1.254	1.241	1.0	90	0.00
41	T	Methacrylonitrile	0.102	0.103	-1.0	97	-0.04
42	TM	1,2-Dichloroethane	0.351	0.356	-1.4	92	0.00
43	T	Isopropyl Acetate	0.357	0.353	1.1	88	0.00
44	TM	Trichloroethene	0.358	0.364	-1.7	92	0.00
45	C	1,2-Dichloropropane	0.273	0.275	-0.7#	91	0.00
46	T	Dibromomethane	0.177	0.181	-2.3	89	0.00
47	T	Bromodichloromethane	0.442	0.445	-0.7	90	0.00
48	T	Methyl methacrylate	0.162	0.159	1.9	87	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	88	0.00
50	S	Toluene-d8	1.186	1.256	-5.9	89	0.00
51	T	4-Methyl-2-Pentanone	0.182	0.183	-0.5	87	0.00
52	CM	Toluene	0.833	0.817	1.9#	88	0.00
53	T	t-1,3-Dichloropropene	0.382	0.385	-0.8	90	0.00
54	T	cis-1,3-Dichloropropene	0.448	0.456	-1.8	90	0.00
55	T	1,1,2-Trichloroethane	0.224	0.229	-2.2	92	0.00
56	T	Ethyl methacrylate	0.295	0.312	-5.8	93	0.00
57	T	1,3-Dichloropropane	0.371	0.377	-1.6	91	0.00
58	T	2-Chloroethyl Vinyl ether	0.141	0.157	-11.3	92	0.00
59	T	2-Hexanone	0.128	0.126	1.6	85	0.00
60	T	Dibromochloromethane	0.308	0.318	-3.2	92	0.00
61	T	1,2-Dibromoethane	0.218	0.233	-6.9	93	0.00
62	S	4-Bromofluorobenzene	0.405	0.425	-4.9	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.405	0.418	-3.2	92	0.00
65	PM	Chlorobenzene	1.055	1.068	-1.2	92	0.00
66	T	1,1,1,2-Tetrachloroethane	0.363	0.370	-1.9	92	0.00
67	C	Ethyl Benzene	1.848	1.807	2.2#	89	0.00
68	T	m/p-Xylenes	0.725	0.710	2.1	88	0.00
69	T	o-Xylene	0.682	0.674	1.2	89	0.00
70	T	Styrene	1.137	1.136	0.1	90	0.00
71	P	Bromoform	0.198	0.207	-4.5	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73	T	Isopropylbenzene	3.659	3.508	4.1	88	0.00
74	T	N-amyl acetate	0.748	0.722	3.5	84	0.00
75	P	1,1,2,2-Tetrachloroethane	0.577	0.540	6.4	87	0.00
76	T	1,2,3-Trichloropropane	0.392	0.464	-18.4	118	0.00
77	T	Bromobenzene	0.874	0.847	3.1	91	0.00
78	T	n-propylbenzene	4.346	4.060	6.6	86	0.00
79	T	2-Chlorotoluene	2.443	2.323	4.9	89	0.00
80	T	1,3,5-Trimethylbenzene	2.994	2.853	4.7	88	0.00
81	T	trans-1,4-Dichloro-2-butene	0.175	0.158	9.7	79	0.00
82	T	4-Chlorotoluene	2.516	2.360	6.2	87	0.00
83	T	tert-Butylbenzene	2.764	2.671	3.4	90	0.00
84	T	1,2,4-Trimethylbenzene	2.975	2.819	5.2	88	0.00
85	T	sec-Butylbenzene	3.924	3.727	5.0	85	0.00
86	T	p-Isopropyltoluene	3.387	3.182	6.1	86	0.00
87	T	1,3-Dichlorobenzene	1.716	1.663	3.1	90	0.00
88	T	1,4-Dichlorobenzene	1.701	1.612	5.2	89	0.00
89	T	n-Butylbenzene	3.071	2.866	6.7	84	0.00
90	T	Hexachloroethane	0.630	0.609	3.3	88	0.00
91	T	1,2-Dichlorobenzene	1.482	1.447	2.4	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.093	0.088	5.4	81	0.00
93	T	1,2,4-Trichlorobenzene	0.905	0.888	1.9	87	0.00
94	T	Hexachlorobutadiene	0.521	0.511	1.9	85	0.00
95	T	Naphthalene	1.552	1.635	-5.3	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.774	0.771	0.4	89	0.00

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