Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
Data File : VY017580.D
Acq On : 06 Mar 2024 09:20
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Mar 07 02:03:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 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	0.369	0.346	6.2	86	0.00
3	P	Chloromethane	0.674	0.604	10.4	82	0.00
4	C	Vinyl Chloride	0.865	0.816	5.7#	85	0.00
5	T	Bromomethane	0.705	0.671	4.8	88	0.00
6	T	Chloroethane	0.545	0.534	2.0	86	0.00
7	T	Trichlorofluoromethane	0.881	0.830	5.8	84	0.00
8	T	Diethyl Ether	0.258	0.243	5.8	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.507	0.499	1.6	87	0.00
10	T	Methyl Iodide	0.569	0.607	-6.7	87	0.00
11	T	Tert butyl alcohol	0.040	0.027	32.5#	65	0.00
12	CM	1,1-Dichloroethene	0.472	0.477	-1.1#	89	0.00
13	T	Acrolein	0.053	0.038	28.3#	64	0.00
14	T	Allyl chloride	0.571	0.563	1.4	84	0.00
15	T	Acrylonitrile	0.106	0.095	10.4	75	0.00
16	T	Acetone	0.092	0.100	-8.7	94	0.00
17	T	Carbon Disulfide	1.418	1.478	-4.2	91	0.00
18	T	Methyl Acetate	0.223	0.221	0.9	80	0.00
19	T	Methyl tert-butyl Ether	1.101	1.030	6.4	77	0.00
20	T	Methylene Chloride	0.658	0.531	19.3	82	0.00
21	T	trans-1,2-Dichloroethene	0.553	0.554	-0.2	86	0.00
22	T	Diisopropyl ether	1.317	1.298	1.4	81	0.00
23	T	Vinyl Acetate	0.785	0.744	5.2	77	0.00
24	P	1,1-Dichloroethane	0.900	0.880	2.2	85	0.00
25	T	2-Butanone	0.131	0.129	1.5	81	0.00
26	T	2,2-Dichloropropane	0.756	0.754	0.3	88	0.00
27	T	cis-1,2-Dichloroethene	0.621	0.623	-0.3	85	0.00
28	T	Bromochloromethane	0.354	0.364	-2.8	106	0.00
29	T	Tetrahydrofuran	0.079	0.072	8.9	73	0.00
30	C	Chloroform	0.958	0.948	1.0#	86	0.00
31	T	Cyclohexane	0.771	0.742	3.8	86	0.00
32	T	1,1,1-Trichloroethane	0.832	0.826	0.7	87	0.00
33	S	1,2-Dichloroethane-d4	0.474	0.440	7.2	84	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
35	S	Dibromofluoromethane	0.348	0.348	0.0	87	0.00
36	T	1,1-Dichloropropene	0.470	0.491	-4.5	86	0.00
37	T	Ethyl Acetate	0.186	0.166	10.8	73	0.00
38	T	Carbon Tetrachloride	0.471	0.503	-6.8	88	0.00
39	T	Methylcyclohexane	0.565	0.604	-6.9	86	0.00
40	TM	Benzene	1.396	1.459	-4.5	86	0.00
41	T	Methacrylonitrile	0.093	0.096	-3.2	78	-0.02
42	TM	1,2-Dichloroethane	0.341	0.334	2.1	80	0.00
43	T	Isopropyl Acetate	0.326	0.306	6.1	74	0.00
44	TM	Trichloroethene	0.402	0.411	-2.2	85	0.00
45	C	1,2-Dichloropropane	0.332	0.340	-2.4#	84	0.00
46	T	Dibromomethane	0.190	0.188	1.1	81	0.00
47	T	Bromodichloromethane	0.462	0.471	-1.9	83	0.00
48	T	Methyl methacrylate	0.151	0.149	1.3	76	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	73	0.00
50	S	Toluene-d8	1.218	1.327	-8.9	90	0.00
51	T	4-Methyl-2-Pentanone	0.182	0.169	7.1	73	0.00
52	CM	Toluene	0.880	0.931	-5.8#	86	0.00
53	T	t-1,3-Dichloropropene	0.428	0.429	-0.2	79	0.00
54	T	cis-1,3-Dichloropropene	0.521	0.536	-2.9	83	0.00
55	T	1,1,2-Trichloroethane	0.270	0.268	0.7	82	0.00
56	T	Ethyl methacrylate	0.303	0.299	1.3	74	0.00
57	T	1,3-Dichloropropane	0.439	0.430	2.1	79	0.00
58	T	2-Chloroethyl Vinyl ether	0.156	0.145	7.1	86	0.00
59	T	2-Hexanone	0.125	0.130	-4.0	78	0.00
60	T	Dibromochloromethane	0.319	0.328	-2.8	82	0.00
61	T	1,2-Dibromoethane	0.249	0.246	1.2	80	0.00
62	S	4-Bromofluorobenzene	0.383	0.407	-6.3	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64	T	Tetrachloroethene	0.480	0.454	5.4	80	0.00
65	PM	Chlorobenzene	1.061	1.093	-3.0	85	0.00
66	T	1,1,1,2-Tetrachloroethane	0.398	0.410	-3.0	85	0.00
67	C	Ethyl Benzene	1.861	1.956	-5.1#	85	0.00
68	T	m/p-Xylenes	0.731	0.779	-6.6	86	0.00
69	T	o-Xylene	0.679	0.728	-7.2	85	0.00
70	T	Styrene	1.126	1.210	-7.5	84	0.00
71	P	Bromoform	0.220	0.220	0.0	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.715	3.786	-1.9	85	0.00
74	T	N-amyl acetate	0.655	0.601	8.2	73	0.00
75	P	1,1,2,2-Tetrachloroethane	0.638	0.617	3.3	81	0.00
76	T	1,2,3-Trichloropropane	0.475	0.412	13.3	76	0.00
77	T	Bromobenzene	0.900	0.892	0.9	85	0.00
78	T	n-propylbenzene	4.457	4.536	-1.8	85	0.00
79	T	2-Chlorotoluene	2.495	2.432	2.5	83	0.00
80	T	1,3,5-Trimethylbenzene	2.976	3.059	-2.8	85	0.00
81	T	trans-1,4-Dichloro-2-butene	0.207	0.195	5.8	78	0.00
82	T	4-Chlorotoluene	2.552	2.517	1.4	84	0.00
83	T	tert-Butylbenzene	2.613	2.684	-2.7	85	0.00
84	T	1,2,4-Trimethylbenzene	2.938	3.019	-2.8	85	0.00
85	T	sec-Butylbenzene	3.996	4.029	-0.8	83	0.00
86	T	p-Isopropyltoluene	3.271	3.363	-2.8	84	0.00
87	T	1,3-Dichlorobenzene	1.806	1.792	0.8	85	0.00
88	T	1,4-Dichlorobenzene	1.755	1.737	1.0	84	0.00
89	T	n-Butylbenzene	2.984	2.990	-0.2	81	0.00
90	T	Hexachloroethane	0.656	0.644	1.8	84	0.00
91	T	1,2-Dichlorobenzene	1.527	1.511	1.0	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.090	0.079	12.2	75	0.00
93	T	1,2,4-Trichlorobenzene	0.807	0.807	0.0	81	0.00
94	T	Hexachlorobutadiene	0.498	0.488	2.0	85	0.00
95	T	Naphthalene	1.379	1.322	4.1	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.692	0.672	2.9	78	0.00

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