Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
Data File : VY008696.D
Acq On : 11 May 2022 10:25
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 11 13:19:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
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	87	0.00
2	T	Dichlorodifluoromethane	0.261	0.224	14.2	92	0.00
3	P	Chloromethane	0.322	0.301	6.5	93	0.00
4	C	Vinyl Chloride	0.408	0.409	-0.2#	84	0.00
5	T	Bromomethane	0.328	0.329	-0.3	94	0.00
6	T	Chloroethane	0.280	0.272	2.9	92	0.00
7	T	Trichlorofluoromethane	0.494	0.450	8.9	90	0.00
8	T	Diethyl Ether	0.313	0.304	2.9	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.506	0.457	9.7	87	0.00
10	T	Methyl Iodide	0.839	0.779	7.2	88	0.00
11	T	Tert butyl alcohol	0.042	0.045	-7.1	111	0.00
12	CM	1,1-Dichloroethene	0.523	0.483	7.6#	87	0.00
13	T	Acrolein	0.042	0.040	4.8	90	0.00
14	T	Allyl chloride	0.677	0.645	4.7	93	0.00
15	T	Acrylonitrile	0.140	0.150	-7.1	104	0.00
16	T	Acetone	0.101	0.111	-9.9	105	0.00
17	T	Carbon Disulfide	1.388	1.273	8.3	86	0.00
18	T	Methyl Acetate	0.355	0.320	9.9	105	0.00
19	T	Methyl tert-butyl Ether	0.965	0.967	-0.2	97	0.00
20	T	Methylene Chloride	0.614	0.582	5.2	93	0.00
21	T	trans-1,2-Dichloroethene	0.588	0.549	6.6	89	0.00
22	T	Diisopropyl ether	1.466	1.465	0.1	93	0.00
23	T	Vinyl Acetate	0.926	1.020	-10.2	99	0.00
24	P	1,1-Dichloroethane	0.941	0.899	4.5	91	0.00
25	T	2-Butanone	0.166	0.183	-10.2	106	0.00
26	T	2,2-Dichloropropane	0.629	0.604	4.0	91	0.00
27	T	cis-1,2-Dichloroethene	0.665	0.646	2.9	92	0.00
28	T	Bromochloromethane	0.334	0.340	-1.8	95	0.00
29	T	Tetrahydrofuran	0.111	0.123	-10.8	111	0.00
30	C	Chloroform	0.995	0.965	3.0#	92	0.00
31	T	Cyclohexane	0.847	0.751	11.3	87	0.00
32	T	1,1,1-Trichloroethane	0.816	0.788	3.4	92	0.00
33	S	1,2-Dichloroethane-d4	0.428	0.448	-4.7	96	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35	S	Dibromofluoromethane	0.308	0.322	-4.5	95	0.00
36	T	1,1-Dichloropropene	0.495	0.466	5.9	88	0.00
37	T	Ethyl Acetate	0.246	0.274	-11.4	110	0.00
38	T	Carbon Tetrachloride	0.501	0.486	3.0	90	0.00
39	T	Methylcyclohexane	0.640	0.601	6.1	87	0.00
40	TM	Benzene	1.438	1.399	2.7	90	0.00
41	T	Methacrylonitrile	0.143	0.151	-5.6	107	0.00
42	TM	1,2-Dichloroethane	0.373	0.382	-2.4	95	0.00
43	T	Isopropyl Acetate	0.447	0.488	-9.2	104	0.00
44	TM	Trichloroethene	0.420	0.399	5.0	87	0.00
45	C	1,2-Dichloropropane	0.351	0.349	0.6#	92	0.00
46	T	Dibromomethane	0.220	0.225	-2.3	96	0.00
47	T	Bromodichloromethane	0.490	0.498	-1.6	94	0.00
48	T	Methyl methacrylate	0.195	0.211	-8.2	105	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	103	0.00
50	S	Toluene-d8	1.086	1.125	-3.6	93	0.00
51	T	4-Methyl-2-Pentanone	0.234	0.267	-14.1	110	0.00
52	CM	Toluene	0.936	0.912	2.6#	91	0.00
53	T	t-1,3-Dichloropropene	0.527	0.537	-1.9	94	0.00
54	T	cis-1,3-Dichloropropene	0.601	0.604	-0.5	92	0.00
55	T	1,1,2-Trichloroethane	0.313	0.324	-3.5	97	0.00
56	T	Ethyl methacrylate	0.396	0.434	-9.6	99	0.00
57	T	1,3-Dichloropropane	0.512	0.528	-3.1	96	0.00
58	T	2-Chloroethyl Vinyl ether	0.196	0.219	-11.7	101	0.00
59	T	2-Hexanone	0.160	0.188	-17.5	111	0.00
60	T	Dibromochloromethane	0.380	0.396	-4.2	96	0.00
61	T	1,2-Dibromoethane	0.309	0.319	-3.2	96	0.00
62	S	4-Bromofluorobenzene	0.391	0.399	-2.0	93	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64	T	Tetrachloroethene	0.390	0.363	6.9	89	0.00
65	PM	Chlorobenzene	1.119	1.090	2.6	91	0.00
66	T	1,1,1,2-Tetrachloroethane	0.415	0.418	-0.7	94	0.00
67	C	Ethyl Benzene	1.922	1.867	2.9#	90	0.00
68	T	m/p-Xylenes	0.769	0.751	2.3	91	0.00
69	T	o-Xylene	0.730	0.715	2.1	90	0.00
70	T	Styrene	1.211	1.218	-0.6	91	0.00
71	P	Bromoform	0.268	0.287	-7.1	100	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73	T	Isopropylbenzene	3.820	3.624	5.1	91	0.00
74	T	N-amyl acetate	0.858	0.932	-8.6	105	0.00
75	P	1,1,2,2-Tetrachloroethane	0.800	0.829	-3.6	102	0.00
76	T	1,2,3-Trichloropropane	0.564	0.522	7.4	103	0.00
77	T	Bromobenzene	0.956	0.922	3.6	93	0.00
78	T	n-propylbenzene	4.542	4.333	4.6	90	0.00
79	T	2-Chlorotoluene	2.513	2.420	3.7	92	0.00
80	T	1,3,5-Trimethylbenzene	3.094	2.987	3.5	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.283	0.301	-6.4	102	0.00
82	T	4-Chlorotoluene	2.606	2.497	4.2	91	0.00
83	T	tert-Butylbenzene	2.776	2.757	0.7	91	0.00
84	T	1,2,4-Trimethylbenzene	3.055	2.964	3.0	92	0.00
85	T	sec-Butylbenzene	4.102	4.027	1.8	93	0.00
86	T	p-Isopropyltoluene	3.409	3.339	2.1	92	0.00
87	T	1,3-Dichlorobenzene	1.849	1.783	3.6	92	0.00
88	T	1,4-Dichlorobenzene	1.833	1.781	2.8	94	0.00
89	T	n-Butylbenzene	3.120	3.066	1.7	92	0.00
90	T	Hexachloroethane	0.662	0.645	2.6	92	0.00
91	T	1,2-Dichlorobenzene	1.640	1.607	2.0	94	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.118	0.124	-5.1	109	0.00
93	T	1,2,4-Trichlorobenzene	1.048	1.038	1.0	94	0.00
94	T	Hexachlorobutadiene	0.574	0.571	0.5	94	0.00
95	T	Naphthalene	2.143	2.291	-6.9	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.923	0.942	-2.1	98	0.00

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