Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032723\
Data File : VY013085.D
Acq On : 27 Mar 2023 12:01
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: Mar 27 16:17:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
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	92	0.00
2	T	Dichlorodifluoromethane	0.493	0.483	2.0	95	0.00
3	P	Chloromethane	0.589	0.526	10.7	89	0.00
4	C	Vinyl Chloride	0.540	0.525	2.8#	92	0.00
5	T	Bromomethane	0.328	0.330	-0.6	96	0.00
6	T	Chloroethane	0.324	0.329	-1.5	95	0.00
7	T	Trichlorofluoromethane	0.897	0.842	6.1	90	0.00
8	T	Diethyl Ether	0.314	0.294	6.4	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.540	0.502	7.0	88	0.00
10	T	Methyl Iodide	0.703	0.693	1.4	86	0.00
11	T	Tert butyl alcohol	0.070	0.049	30.0#	80	0.00
12	CM	1,1-Dichloroethene	0.515	0.483	6.2#	87	0.00
13	T	Acrolein	0.087	0.056	35.6#	61	0.00
14	T	Allyl chloride	0.951	0.976	-2.6	94	0.00
15	T	Acrylonitrile	0.166	0.157	5.4	87	0.00
16	T	Acetone	0.195	0.197	-1.0	87	0.00
17	T	Carbon Disulfide	1.753	1.592	9.2	85	0.00
18	T	Methyl Acetate	0.580	0.550	5.2	87	0.00
19	T	Methyl tert-butyl Ether	1.330	1.330	0.0	90	0.00
20	T	Methylene Chloride	0.714	0.654	8.4	99	0.00
21	T	trans-1,2-Dichloroethene	0.560	0.561	-0.2	93	0.00
22	T	Diisopropyl ether	1.727	1.892	-9.6	99	0.00
23	T	Vinyl Acetate	1.073	1.125	-4.8	93	0.00
24	P	1,1-Dichloroethane	0.984	1.037	-5.4	97	0.00
25	T	2-Butanone	0.241	0.234	2.9	85	0.00
26	T	2,2-Dichloropropane	0.874	0.895	-2.4	97	0.00
27	T	cis-1,2-Dichloroethene	0.600	0.627	-4.5	95	0.00
28	T	Bromochloromethane	0.360	0.340	5.6	86	0.00
29	T	Tetrahydrofuran	0.146	0.137	6.2	83	0.00
30	C	Chloroform	0.972	1.031	-6.1#	98	0.00
31	T	Cyclohexane	0.951	0.894	6.0	90	0.00
32	T	1,1,1-Trichloroethane	0.879	0.916	-4.2	96	0.00
33	S	1,2-Dichloroethane-d4	0.496	0.457	7.9	86	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35	S	Dibromofluoromethane	0.302	0.320	-6.0	97	0.00
36	T	1,1-Dichloropropene	0.506	0.519	-2.6	93	0.00
37	T	Ethyl Acetate	0.319	0.307	3.8	90	0.00
38	T	Carbon Tetrachloride	0.522	0.544	-4.2	94	0.00
39	T	Methylcyclohexane	0.601	0.613	-2.0	90	0.00
40	TM	Benzene	1.430	1.509	-5.5	95	0.00
41	T	Methacrylonitrile	0.172	0.165	4.1	86	0.00
42	TM	1,2-Dichloroethane	0.430	0.445	-3.5	93	0.00
43	T	Isopropyl Acetate	0.569	0.557	2.1	87	0.00
44	TM	Trichloroethene	0.377	0.400	-6.1	96	0.00
45	C	1,2-Dichloropropane	0.361	0.386	-6.9#	98	0.00
46	T	Dibromomethane	0.206	0.213	-3.4	93	0.00
47	T	Bromodichloromethane	0.485	0.516	-6.4	96	0.00
48	T	Methyl methacrylate	0.262	0.260	0.8	85	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.003	0.003	0.0	90	0.00
50	S	Toluene-d8	1.103	0.983	10.9	82	0.00
51	T	4-Methyl-2-Pentanone	0.308	0.310	-0.6	87	0.00
52	CM	Toluene	0.863	0.923	-7.0#	95	0.00
53	T	t-1,3-Dichloropropene	0.509	0.524	-2.9	92	0.00
54	T	cis-1,3-Dichloropropene	0.576	0.608	-5.6	94	0.00
55	T	1,1,2-Trichloroethane	0.287	0.282	1.7	89	0.00
56	T	Ethyl methacrylate	0.382	0.377	1.3	84	0.00
57	T	1,3-Dichloropropane	0.489	0.492	-0.6	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.201	0.197	2.0	84	0.00
59	T	2-Hexanone	0.224	0.225	-0.4	85	0.00
60	T	Dibromochloromethane	0.349	0.352	-0.9	91	0.00
61	T	1,2-Dibromoethane	0.276	0.278	-0.7	90	0.00
62	S	4-Bromofluorobenzene	0.372	0.384	-3.2	95	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64	T	Tetrachloroethene	0.364	0.360	1.1	89	0.00
65	PM	Chlorobenzene	1.049	1.111	-5.9	95	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.419	-8.0	97	0.00
67	C	Ethyl Benzene	1.845	1.994	-8.1#	95	0.00
68	T	m/p-Xylenes	0.710	0.767	-8.0	94	0.00
69	T	o-Xylene	0.662	0.732	-10.6	98	0.00
70	T	Styrene	1.105	1.222	-10.6	95	0.00
71	P	Bromoform	0.253	0.258	-2.0	92	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.544	3.716	-4.9	96	0.00
74	T	N-amyl acetate	1.115	1.048	6.0	85	0.00
75	P	1,1,2,2-Tetrachloroethane	0.797	0.775	2.8	91	0.00
76	T	1,2,3-Trichloropropane	0.597	0.588	1.5	92	0.00
77	T	Bromobenzene	0.861	0.881	-2.3	96	0.00
78	T	n-propylbenzene	4.369	4.566	-4.5	96	0.00
79	T	2-Chlorotoluene	2.428	2.551	-5.1	97	0.00
80	T	1,3,5-Trimethylbenzene	2.924	3.076	-5.2	97	0.00
81	T	trans-1,4-Dichloro-2-butene	0.288	0.268	6.9	86	0.00
82	T	4-Chlorotoluene	2.513	2.592	-3.1	96	0.00
83	T	tert-Butylbenzene	2.524	2.650	-5.0	95	0.00
84	T	1,2,4-Trimethylbenzene	2.860	3.038	-6.2	97	0.00
85	T	sec-Butylbenzene	3.851	4.048	-5.1	97	0.00
86	T	p-Isopropyltoluene	3.147	3.320	-5.5	96	0.00
87	T	1,3-Dichlorobenzene	1.660	1.739	-4.8	98	0.00
88	T	1,4-Dichlorobenzene	1.694	1.703	-0.5	95	0.00
89	T	n-Butylbenzene	3.013	3.083	-2.3	94	0.00
90	T	Hexachloroethane	0.655	0.674	-2.9	98	0.00
91	T	1,2-Dichlorobenzene	1.501	1.541	-2.7	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.129	0.118	8.5	83	0.00
93	T	1,2,4-Trichlorobenzene	0.924	0.916	0.9	91	0.00
94	T	Hexachlorobutadiene	0.564	0.561	0.5	96	0.00
95	T	Naphthalene	1.852	1.729	6.6	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.822	0.800	2.7	90	0.00

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