Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
Data File : VY014551.D
Acq On : 03 Jul 2023 21:28
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 04 03:07:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	96	0.00
2	T	Dichlorodifluoromethane	0.405	0.321	20.7	86	0.00
3	P	Chloromethane	0.579	0.486	16.1	84	0.00
4	C	Vinyl Chloride	0.667	0.599	10.2#	89	0.00
5	T	Bromomethane	0.518	0.509	1.7	103	-0.02
6	T	Chloroethane	0.430	0.391	9.1	89	-0.01
7	T	Trichlorofluoromethane	0.811	0.758	6.5	93	-0.02
8	T	Diethyl Ether	0.307	0.288	6.2	89	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.484	0.446	7.9	92	-0.02
10	T	Methyl Iodide	0.552	0.437	20.8	71	-0.01
11	T	Tert butyl alcohol	0.100	0.093	7.0	104	-0.02
12	CM	1,1-Dichloroethene	0.469	0.436	7.0#	89	-0.01
13	T	Acrolein	0.063	0.050	20.6	72	0.00
14	T	Allyl chloride	0.707	0.615	13.0	82	-0.01
15	T	Acrylonitrile	0.176	0.167	5.1	87	-0.01
16	T	Acetone	0.155	0.126	18.7	77	-0.01
17	T	Carbon Disulfide	1.429	1.284	10.1	86	-0.01
18	T	Methyl Acetate	0.707	0.655	7.4	89	0.00
19	T	Methyl tert-butyl Ether	1.348	1.313	2.6	90	0.00
20	T	Methylene Chloride	0.673	0.601	10.7	100	0.00
21	T	trans-1,2-Dichloroethene	0.531	0.504	5.1	90	-0.01
22	T	Diisopropyl ether	1.457	1.349	7.4	84	0.00
23	T	Vinyl Acetate	0.843	0.789	6.4	82	0.00
24	P	1,1-Dichloroethane	0.914	0.840	8.1	88	0.00
25	T	2-Butanone	0.230	0.210	8.7	82	-0.01
26	T	2,2-Dichloropropane	0.779	0.622	20.2	79	-0.01
27	T	cis-1,2-Dichloroethene	0.602	0.581	3.5	91	0.00
28	T	Bromochloromethane	0.384	0.352	8.3	87	0.00
29	T	Tetrahydrofuran	0.148	0.143	3.4	85	0.00
30	C	Chloroform	0.954	0.900	5.7#	91	0.00
31	T	Cyclohexane	0.780	0.677	13.2	86	0.00
32	T	1,1,1-Trichloroethane	0.815	0.757	7.1	90	0.00
33	S	1,2-Dichloroethane-d4	0.497	0.491	1.2	94	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35	S	Dibromofluoromethane	0.308	0.327	-6.2	98	0.00
36	T	1,1-Dichloropropene	0.472	0.443	6.1	88	0.00
37	T	Ethyl Acetate	0.323	0.299	7.4	84	0.00
38	T	Carbon Tetrachloride	0.492	0.468	4.9	91	0.00
39	T	Methylcyclohexane	0.564	0.548	2.8	90	0.00
40	TM	Benzene	1.427	1.353	5.2	89	0.00
41	T	Methacrylonitrile	0.158	0.143	9.5	83	0.00
42	TM	1,2-Dichloroethane	0.420	0.392	6.7	87	0.00
43	T	Isopropyl Acetate	0.548	0.519	5.3	85	0.00
44	TM	Trichloroethene	0.398	0.388	2.5	93	0.00
45	C	1,2-Dichloropropane	0.366	0.342	6.6#	88	0.00
46	T	Dibromomethane	0.223	0.218	2.2	91	0.00
47	T	Bromodichloromethane	0.491	0.475	3.3	91	0.00
48	T	Methyl methacrylate	0.249	0.237	4.8	84	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.004	0.004	0.0	91	-0.02
50	S	Toluene-d8	1.217	1.256	-3.2	97	0.00
51	T	4-Methyl-2-Pentanone	0.324	0.312	3.7	85	0.00
52	CM	Toluene	0.898	0.872	2.9#	90	0.00
53	T	t-1,3-Dichloropropene	0.525	0.495	5.7	86	0.00
54	T	cis-1,3-Dichloropropene	0.586	0.552	5.8	87	0.00
55	T	1,1,2-Trichloroethane	0.324	0.320	1.2	91	0.00
56	T	Ethyl methacrylate	0.441	0.445	-0.9	89	0.00
57	T	1,3-Dichloropropane	0.529	0.509	3.8	90	0.00
58	T	2-Chloroethyl Vinyl ether	0.214	0.216	-0.9	88	0.00
59	T	2-Hexanone	0.234	0.227	3.0	84	0.00
60	T	Dibromochloromethane	0.380	0.377	0.8	92	0.00
61	T	1,2-Dibromoethane	0.317	0.315	0.6	91	0.00
62	S	4-Bromofluorobenzene	0.423	0.446	-5.4	98	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64	T	Tetrachloroethene	0.447	0.446	0.2	96	0.00
65	PM	Chlorobenzene	1.066	1.033	3.1	92	0.00
66	T	1,1,1,2-Tetrachloroethane	0.405	0.397	2.0	92	0.00
67	C	Ethyl Benzene	1.817	1.772	2.5#	91	0.00
68	T	m/p-Xylenes	0.721	0.705	2.2	90	0.00
69	T	o-Xylene	0.684	0.676	1.2	91	0.00
70	T	Styrene	1.176	1.177	-0.1	90	0.00
71	P	Bromoform	0.308	0.310	-0.6	93	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73	T	Isopropylbenzene	3.275	3.254	0.6	91	0.00
74	T	N-amyl acetate	0.988	0.928	6.1	83	0.00
75	P	1,1,2,2-Tetrachloroethane	0.840	0.814	3.1	89	0.00
76	T	1,2,3-Trichloropropane	0.587	0.573	2.4	91	0.00
77	T	Bromobenzene	0.894	0.891	0.3	93	0.00
78	T	n-propylbenzene	3.995	3.906	2.2	90	0.00
79	T	2-Chlorotoluene	2.299	2.240	2.6	90	0.00
80	T	1,3,5-Trimethylbenzene	2.772	2.763	0.3	91	0.00
81	T	trans-1,4-Dichloro-2-butene	0.301	0.275	8.6	84	0.00
82	T	4-Chlorotoluene	2.408	2.329	3.3	90	0.00
83	T	tert-Butylbenzene	2.436	2.437	-0.0	92	0.00
84	T	1,2,4-Trimethylbenzene	2.766	2.752	0.5	90	0.00
85	T	sec-Butylbenzene	3.595	3.552	1.2	92	0.00
86	T	p-Isopropyltoluene	3.026	3.046	-0.7	92	0.00
87	T	1,3-Dichlorobenzene	1.749	1.712	2.1	92	0.00
88	T	1,4-Dichlorobenzene	1.753	1.694	3.4	92	0.00
89	T	n-Butylbenzene	2.796	2.763	1.2	92	0.00
90	T	Hexachloroethane	0.599	0.574	4.2	92	0.00
91	T	1,2-Dichlorobenzene	1.584	1.571	0.8	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.154	0.149	3.2	90	0.00
93	T	1,2,4-Trichlorobenzene	1.023	1.035	-1.2	93	0.00
94	T	Hexachlorobutadiene	0.629	0.649	-3.2	99	0.00
95	T	Naphthalene	2.177	2.272	-4.4	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.932	0.958	-2.8	94	0.00

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