Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
Data File : VY013859.D
Acq On : 24 May 2023 20:15
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 25 07:10:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 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	76	0.00
2	T	Dichlorodifluoromethane	0.458	0.462	-0.9	67	0.00
3	P	Chloromethane	0.558	0.567	-1.6	74	0.00
4	C	Vinyl Chloride	0.571	0.562	1.6#	69	0.00
5	T	Bromomethane	0.453	0.465	-2.6	81	0.00
6	T	Chloroethane	0.372	0.372	0.0	75	0.00
7	T	Trichlorofluoromethane	0.960	0.958	0.2	72	0.00
8	T	Diethyl Ether	0.295	0.316	-7.1	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.521	0.481	7.7	68	0.00
10	T	Methyl Iodide	0.618	0.574	7.1	62	0.00
11	T	Tert butyl alcohol	0.044	0.045	-2.3	75	-0.01
12	CM	1,1-Dichloroethene	0.489	0.460	5.9#	67	0.00
13	T	Acrolein	0.067	0.058	13.4	69	0.00
14	T	Allyl chloride	0.893	0.848	5.0	72	0.00
15	T	Acrylonitrile	0.151	0.164	-8.6	80	0.00
16	T	Acetone	0.172	0.152	11.6	66	0.00
17	T	Carbon Disulfide	1.460	1.446	1.0	68	0.00
18	T	Methyl Acetate	0.596	0.648	-8.7	82	0.00
19	T	Methyl tert-butyl Ether	1.335	1.439	-7.8	78	0.00
20	T	Methylene Chloride	0.686	0.768	-12.0	98	0.00
21	T	trans-1,2-Dichloroethene	0.532	0.545	-2.4	75	0.00
22	T	Diisopropyl ether	1.724	1.861	-7.9	79	0.00
23	T	Vinyl Acetate	1.004	1.069	-6.5	75	0.00
24	P	1,1-Dichloroethane	1.006	1.020	-1.4	77	0.00
25	T	2-Butanone	0.209	0.214	-2.4	75	0.00
26	T	2,2-Dichloropropane	0.907	0.839	7.5	69	0.00
27	T	cis-1,2-Dichloroethene	0.597	0.631	-5.7	77	0.00
28	T	Bromochloromethane	0.295	0.294	0.3	82	0.00
29	T	Tetrahydrofuran	0.125	0.142	-13.6	77	0.00
30	C	Chloroform	1.020	1.095	-7.4#	81	0.00
31	T	Cyclohexane	0.889	0.808	9.1	67	0.00
32	T	1,1,1-Trichloroethane	0.931	0.938	-0.8	75	0.00
33	S	1,2-Dichloroethane-d4	0.578	0.648	-12.1	89	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35	S	Dibromofluoromethane	0.323	0.342	-5.9	85	0.00
36	T	1,1-Dichloropropene	0.492	0.481	2.2	73	0.00
37	T	Ethyl Acetate	0.300	0.310	-3.3	74	0.00
38	T	Carbon Tetrachloride	0.559	0.552	1.3	75	0.00
39	T	Methylcyclohexane	0.576	0.552	4.2	69	0.00
40	TM	Benzene	1.413	1.449	-2.5	78	0.00
41	T	Methacrylonitrile	0.164	0.133	18.9	69	0.00
42	TM	1,2-Dichloroethane	0.463	0.505	-9.1	83	0.00
43	T	Isopropyl Acetate	0.547	0.568	-3.8	77	0.00
44	TM	Trichloroethene	0.381	0.377	1.0	76	0.00
45	C	1,2-Dichloropropane	0.362	0.378	-4.4#	80	0.00
46	T	Dibromomethane	0.207	0.223	-7.7	81	0.00
47	T	Bromodichloromethane	0.505	0.541	-7.1	83	0.00
48	T	Methyl methacrylate	0.257	0.274	-6.6	76	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.003	-50.0#	79	0.00
50	S	Toluene-d8	1.227	1.263	-2.9	85	0.00
51	T	4-Methyl-2-Pentanone	0.291	0.320	-10.0	79	0.00
52	CM	Toluene	0.861	0.895	-3.9#	78	0.00
53	T	t-1,3-Dichloropropene	0.514	0.546	-6.2	79	0.00
54	T	cis-1,3-Dichloropropene	0.576	0.601	-4.3	78	0.00
55	T	1,1,2-Trichloroethane	0.279	0.299	-7.2	81	0.00
56	T	Ethyl methacrylate	0.372	0.408	-9.7	78	0.00
57	T	1,3-Dichloropropane	0.475	0.510	-7.4	80	0.00
58	T	2-Chloroethyl Vinyl ether	0.119	0.116	2.5	85	0.00
59	T	2-Hexanone	0.207	0.224	-8.2	76	0.00
60	T	Dibromochloromethane	0.353	0.385	-9.1	83	0.00
61	T	1,2-Dibromoethane	0.265	0.288	-8.7	80	0.00
62	S	4-Bromofluorobenzene	0.408	0.438	-7.4	86	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64	T	Tetrachloroethene	0.370	0.360	2.7	77	0.00
65	PM	Chlorobenzene	1.048	1.045	0.3	81	0.00
66	T	1,1,1,2-Tetrachloroethane	0.404	0.410	-1.5	82	0.00
67	C	Ethyl Benzene	1.886	1.836	2.7#	77	0.00
68	T	m/p-Xylenes	0.714	0.706	1.1	78	0.00
69	T	o-Xylene	0.672	0.675	-0.4	79	0.00
70	T	Styrene	1.139	1.178	-3.4	81	0.00
71	P	Bromoform	0.264	0.272	-3.0	81	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73	T	Isopropylbenzene	3.721	3.480	6.5	77	0.00
74	T	N-amyl acetate	1.119	1.074	4.0	76	0.00
75	P	1,1,2,2-Tetrachloroethane	0.770	0.772	-0.3	82	0.00
76	T	1,2,3-Trichloropropane	0.590	0.595	-0.8	99	0.00
77	T	Bromobenzene	0.913	0.897	1.8	82	0.00
78	T	n-propylbenzene	4.598	4.288	6.7	76	0.00
79	T	2-Chlorotoluene	2.568	2.445	4.8	81	0.00
80	T	1,3,5-Trimethylbenzene	3.072	2.970	3.3	78	0.00
81	T	trans-1,4-Dichloro-2-butene	0.272	0.261	4.0	76	0.00
82	T	4-Chlorotoluene	2.654	2.586	2.6	83	0.00
83	T	tert-Butylbenzene	2.675	2.509	6.2	78	0.00
84	T	1,2,4-Trimethylbenzene	3.015	2.978	1.2	81	0.00
85	T	sec-Butylbenzene	3.974	3.731	6.1	77	0.00
86	T	p-Isopropyltoluene	3.285	3.089	6.0	78	0.00
87	T	1,3-Dichlorobenzene	1.764	1.719	2.6	82	0.00
88	T	1,4-Dichlorobenzene	1.756	1.693	3.6	82	0.00
89	T	n-Butylbenzene	3.150	2.949	6.4	77	0.00
90	T	Hexachloroethane	0.674	0.624	7.4	80	0.00
91	T	1,2-Dichlorobenzene	1.567	1.535	2.0	82	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.135	0.132	2.2	79	0.00
93	T	1,2,4-Trichlorobenzene	0.972	0.929	4.4	79	0.00
94	T	Hexachlorobutadiene	0.613	0.564	8.0	79	0.00
95	T	Naphthalene	1.856	1.864	-0.4	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.864	0.832	3.7	80	0.00

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