Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
Data File : VY015948.D
Acq On : 13 Oct 2023 10:28
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 13 16:06:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 13 13:13:02 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	99	0.00
2	T	Dichlorodifluoromethane	0.418	0.385	7.9	87	0.00
3	P	Chloromethane	0.745	0.551	26.0#	89	0.00
4	C	Vinyl Chloride	0.535	0.506	5.4#	91	0.00
5	T	Bromomethane	0.303	0.332	-9.6	100	0.00
6	T	Chloroethane	0.346	0.297	14.2	79	0.00
7	T	Trichlorofluoromethane	0.908	0.842	7.3	90	0.00
8	T	Diethyl Ether	0.339	0.285	15.9	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.516	0.455	11.8	88	0.00
10	T	Methyl Iodide	0.594	0.631	-6.2	97	0.00
11	T	Tert butyl alcohol	0.331	0.236	28.7#	97	0.04
12	CM	1,1-Dichloroethene	0.486	0.454	6.6#	91	0.00
13	T	Acrolein	0.108	0.119	-10.2	99	0.00
14	T	Allyl chloride	0.786	0.775	1.4	94	0.00
15	T	Acrylonitrile	0.299	0.282	5.7	89	0.00
16	T	Acetone	0.331	0.390	-17.8	98	0.01
17	T	Carbon Disulfide	1.486	1.414	4.8	93	0.00
18	T	Methyl Acetate	1.150	1.035	10.0	87	0.00
19	T	Methyl tert-butyl Ether	1.630	1.423	12.7	83	0.00
20	T	Methylene Chloride	0.750	0.586	21.9	92	0.00
21	T	trans-1,2-Dichloroethene	0.568	0.537	5.5	93	0.00
22	T	Diisopropyl ether	1.632	1.507	7.7	89	0.00
23	T	Vinyl Acetate	1.073	0.942	12.2	81	0.00
24	P	1,1-Dichloroethane	0.971	0.904	6.9	92	0.00
25	T	2-Butanone	0.482	0.491	-1.9	97	0.00
26	T	2,2-Dichloropropane	0.806	0.781	3.1	96	0.00
27	T	cis-1,2-Dichloroethene	0.639	0.599	6.3	91	0.00
28	T	Bromochloromethane	0.433	0.418	3.5	94	0.00
29	T	Tetrahydrofuran	0.331	0.308	6.9	89	0.00
30	C	Chloroform	1.008	0.939	6.8#	91	0.00
31	T	Cyclohexane	0.908	0.773	14.9	87	0.00
32	T	1,1,1-Trichloroethane	0.896	0.837	6.6	92	0.00
33	S	1,2-Dichloroethane-d4	0.571	0.517	9.5	87	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
35	S	Dibromofluoromethane	0.315	0.301	4.4	91	0.00
36	T	1,1-Dichloropropene	0.475	0.443	6.7	92	0.00
37	T	Ethyl Acetate	0.733	0.498	32.1#	65	0.00
38	T	Carbon Tetrachloride	0.500	0.460	8.0	91	0.00
39	T	Methylcyclohexane	0.609	0.541	11.2	87	0.00
40	TM	Benzene	1.374	1.280	6.8	92	0.00
41	T	Methacrylonitrile	0.242	0.186	23.1	76	-0.01
42	TM	1,2-Dichloroethane	0.441	0.389	11.8	87	0.00
43	T	Isopropyl Acetate	0.787	0.139	82.3#	17#	0.13
44	TM	Trichloroethene	0.423	0.402	5.0	96	0.00
45	C	1,2-Dichloropropane	0.351	0.325	7.4#	91	0.00
46	T	Dibromomethane	0.246	0.212	13.8	81	0.00
47	T	Bromodichloromethane	0.498	0.454	8.8	89	0.00
48	T	Methyl methacrylate	0.348	0.304	12.6	82	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.007	0.010	-42.9#	142	0.01
50	S	Toluene-d8	1.179	1.164	1.3	95	0.00
51	T	4-Methyl-2-Pentanone	0.580	0.503	13.3	82	0.00
52	CM	Toluene	0.879	0.848	3.5#	95	0.00
53	T	t-1,3-Dichloropropene	0.558	0.542	2.9	93	0.00
54	T	cis-1,3-Dichloropropene	0.600	0.554	7.7	89	0.00
55	T	1,1,2-Trichloroethane	0.351	0.340	3.1	96	0.00
56	T	Ethyl methacrylate	0.549	0.540	1.6	93	0.00
57	T	1,3-Dichloropropane	0.595	0.563	5.4	93	0.00
58	T	2-Chloroethyl Vinyl ether	0.241	0.175	27.4#	88	0.00
59	T	2-Hexanone	0.495	0.534	-7.9	103	0.00
60	T	Dibromochloromethane	0.399	0.385	3.5	93	0.00
61	T	1,2-Dibromoethane	0.380	0.365	3.9	94	0.00
62	S	4-Bromofluorobenzene	0.420	0.418	0.5	96	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64	T	Tetrachloroethene	0.436	0.392	10.1	95	0.00
65	PM	Chlorobenzene	1.048	0.986	5.9	94	0.00
66	T	1,1,1,2-Tetrachloroethane	0.388	0.372	4.1	96	0.00
67	C	Ethyl Benzene	1.832	1.742	4.9#	94	0.00
68	T	m/p-Xylenes	0.707	0.677	4.2	95	0.00
69	T	o-Xylene	0.676	0.650	3.8	94	0.00
70	T	Styrene	1.150	1.119	2.7	95	0.00
71	P	Bromoform	0.330	0.322	2.4	95	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73	T	Isopropylbenzene	3.540	3.293	7.0	94	0.00
74	T	N-amyl acetate	1.430	1.407	1.6	95	0.00
75	P	1,1,2,2-Tetrachloroethane	1.087	0.998	8.2	91	0.00
76	T	1,2,3-Trichloropropane	0.979	0.936	4.4	109	0.00
77	T	Bromobenzene	0.889	0.818	8.0	93	0.00
78	T	n-propylbenzene	4.304	4.020	6.6	94	0.00
79	T	2-Chlorotoluene	2.435	2.278	6.4	95	0.00
80	T	1,3,5-Trimethylbenzene	2.941	2.805	4.6	95	0.00
81	T	trans-1,4-Dichloro-2-butene	0.415	0.424	-2.2	99	0.00
82	T	4-Chlorotoluene	2.502	2.389	4.5	97	0.00
83	T	tert-Butylbenzene	2.584	2.389	7.5	92	0.00
84	T	1,2,4-Trimethylbenzene	2.952	2.793	5.4	95	0.00
85	T	sec-Butylbenzene	3.835	3.573	6.8	93	0.00
86	T	p-Isopropyltoluene	3.205	3.024	5.6	94	0.00
87	T	1,3-Dichlorobenzene	1.706	1.596	6.4	95	0.00
88	T	1,4-Dichlorobenzene	1.723	1.619	6.0	95	0.00
89	T	n-Butylbenzene	3.014	2.824	6.3	94	0.00
90	T	Hexachloroethane	0.614	0.577	6.0	96	0.00
91	T	1,2-Dichlorobenzene	1.601	1.501	6.2	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.311	0.322	-3.5	107	0.00
93	T	1,2,4-Trichlorobenzene	1.052	1.018	3.2	97	0.00
94	T	Hexachlorobutadiene	0.534	0.496	7.1	94	0.00
95	T	Naphthalene	3.414	3.435	-0.6	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.009	0.968	4.1	98	0.00

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