Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
Data File : VY013861.D
Acq On : 25 May 2023 09:53
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 25 10:15:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Tue May 23 16:39:59 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	89	0.00
2	T	Dichlorodifluoromethane	0.458	0.426	7.0	72	0.00
3	P	Chloromethane	0.558	0.507	9.1	77	0.00
4	C	Vinyl Chloride	0.571	0.515	9.8#	74	0.00
5	T	Bromomethane	0.453	0.373	17.7	76	0.00
6	T	Chloroethane	0.372	0.333	10.5	78	0.00
7	T	Trichlorofluoromethane	0.960	0.850	11.5	75	0.00
8	T	Diethyl Ether	0.295	0.263	10.8	75	0.00
9	T	1,1,2-Trichlorotrifluoroeth	0.521	0.443	15.0	74	0.00
10	T	Methyl Iodide	0.618	0.553	10.5	70	0.00
11	T	Tert butyl alcohol	0.044	0.038	13.6	74	-0.02
12	CM	1,1-Dichloroethene	0.489	0.433	11.5#	74	0.00
13	T	Acrolein	0.067	0.069	-3.0	95	0.00
14	T	Allyl chloride	0.893	0.758	15.1	75	0.00
15	T	Acrylonitrile	0.151	0.132	12.6	75	0.00
16	T	Acetone	0.172	0.193	-12.2	98	0.00
17	T	Carbon Disulfide	1.460	1.347	7.7	75	0.00
18	T	Methyl Acetate	0.596	0.491	17.6	73	0.00
19	T	Methyl tert-butyl Ether	1.335	1.187	11.1	75	0.00
20	T	Methylene Chloride	0.686	0.513	25.2#	77	0.00
21	T	trans-1,2-Dichloroethene	0.532	0.479	10.0	77	0.00
22	T	Diisopropyl ether	1.724	1.580	8.4	78	0.00
23	T	Vinyl Acetate	1.004	0.910	9.4	74	0.00
24	P	1,1-Dichloroethane	1.006	0.888	11.7	78	0.00
25	T	2-Butanone	0.209	0.209	0.0	85	0.00
26	T	2,2-Dichloropropane	0.907	0.816	10.0	79	0.00
27	T	cis-1,2-Dichloroethene	0.597	0.552	7.5	79	0.00
28	T	Bromochloromethane	0.295	0.264	10.5	86	0.00
29	T	Tetrahydrofuran	0.125	0.114	8.8	72	0.00
30	C	Chloroform	1.020	0.950	6.9#	82	0.00
31	T	Cyclohexane	0.889	0.720	19.0	70	0.00
32	T	1,1,1-Trichloroethane	0.931	0.837	10.1	78	0.00
33	S	1,2-Dichloroethane-d4	0.578	0.572	1.0	92	0.00
34	I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35	S	Dibromofluoromethane	0.323	0.325	-0.6	91	0.00
36	T	1,1-Dichloropropene	0.492	0.444	9.8	76	0.00
37	T	Ethyl Acetate	0.300	0.263	12.3	71	0.00
38	T	Carbon Tetrachloride	0.559	0.502	10.2	77	0.00
39	T	Methylcyclohexane	0.576	0.491	14.8	69	0.00
40	TM	Benzene	1.413	1.296	8.3	79	0.00
41	T	Methacrylonitrile	0.164	0.128	22.0	75	0.01
42	TM	1,2-Dichloroethane	0.463	0.432	6.7	80	0.00
43	T	Isopropyl Acetate	0.547	0.471	13.9	72	0.00
44	TM	Trichloroethene	0.381	0.346	9.2	79	0.00
45	C	1,2-Dichloropropane	0.362	0.333	8.0#	80	0.00
46	T	Dibromomethane	0.207	0.193	6.8	80	0.00
47	T	Bromodichloromethane	0.505	0.468	7.3	82	0.00
48	T	Methyl methacrylate	0.257	0.220	14.4	69	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	0.002	0.002	0.0	74	0.00
50	S	Toluene-d8	1.227	1.196	2.5	91	0.00
51	T	4-Methyl-2-Pentanone	0.291	0.261	10.3	73	0.00
52	CM	Toluene	0.861	0.813	5.6#	81	0.00
53	T	t-1,3-Dichloropropene	0.514	0.476	7.4	78	0.00
54	T	cis-1,3-Dichloropropene	0.576	0.535	7.1	79	0.00
55	T	1,1,2-Trichloroethane	0.279	0.260	6.8	80	0.00
56	T	Ethyl methacrylate	0.372	0.340	8.6	74	0.00
57	T	1,3-Dichloropropane	0.475	0.436	8.2	78	0.00
58	T	2-Chloroethyl Vinyl ether	0.119	0.102	14.3	85	0.00
59	T	2-Hexanone	0.207	0.203	1.9	78	0.00
60	T	Dibromochloromethane	0.353	0.333	5.7	81	0.00
61	T	1,2-Dibromoethane	0.265	0.246	7.2	78	0.00
62	S	4-Bromofluorobenzene	0.408	0.412	-1.0	91	0.00
63	I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64	T	Tetrachloroethene	0.370	0.331	10.5	78	0.00
65	PM	Chlorobenzene	1.048	0.955	8.9	81	0.00
66	T	1,1,1,2-Tetrachloroethane	0.404	0.381	5.7	84	0.00
67	C	Ethyl Benzene	1.886	1.746	7.4#	80	0.00
68	T	m/p-Xylenes	0.714	0.673	5.7	81	0.00
69	T	o-Xylene	0.672	0.623	7.3	80	0.00
70	T	Styrene	1.139	1.074	5.7	81	0.00
71	P	Bromoform	0.264	0.244	7.6	80	0.00
72	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73	T	Isopropylbenzene	3.721	3.304	11.2	79	0.00
74	T	N-amyl acetate	1.119	0.956	14.6	73	0.00
75	P	1,1,2,2-Tetrachloroethane	0.770	0.663	13.9	76	0.00
76	T	1,2,3-Trichloropropane	0.590	0.494	16.3	90	0.00
77	T	Bromobenzene	0.913	0.829	9.2	82	0.00
78	T	n-propylbenzene	4.598	4.107	10.7	79	0.00
79	T	2-Chlorotoluene	2.568	2.313	9.9	83	0.00
80	T	1,3,5-Trimethylbenzene	3.072	2.825	8.0	81	0.00
81	T	trans-1,4-Dichloro-2-butene	0.272	0.229	15.8	72	0.00
82	T	4-Chlorotoluene	2.654	2.405	9.4	84	0.00
83	T	tert-Butylbenzene	2.675	2.419	9.6	82	0.00
84	T	1,2,4-Trimethylbenzene	3.015	2.808	6.9	83	0.00
85	T	sec-Butylbenzene	3.974	3.533	11.1	79	0.00
86	T	p-Isopropyltoluene	3.285	2.954	10.1	81	0.00
87	T	1,3-Dichlorobenzene	1.764	1.617	8.3	84	0.00
88	T	1,4-Dichlorobenzene	1.756	1.568	10.7	82	0.00
89	T	n-Butylbenzene	3.150	2.800	11.1	80	0.00
90	T	Hexachloroethane	0.674	0.590	12.5	82	0.00
91	T	1,2-Dichlorobenzene	1.567	1.430	8.7	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	0.135	0.110	18.5	72	0.00
93	T	1,2,4-Trichlorobenzene	0.972	0.873	10.2	81	0.00
94	T	Hexachlorobutadiene	0.613	0.537	12.4	82	0.00
95	T	Naphthalene	1.856	1.631	12.1	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.864	0.772	10.6	80	0.00

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