Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
Data File : VY010805.D
Acq On : 04 Oct 2022 18:56
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 05 07:34:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
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	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene	50.000	50.000	0.0	28	0.00
2	T	Dichlorodifluoromethane	50.000	46.732	6.5	26	0.00
3	P	Chloromethane	50.000	53.125	-6.3	30	0.00
4	C	Vinyl Chloride	50.000	48.005	4.0#	27	0.00
5	T	Bromomethane	50.000	47.439	5.1	28	0.00
6	T	Chloroethane	50.000	49.958	0.1	28	0.00
7	T	Trichlorofluoromethane	50.000	48.285	3.4	28	0.00
8	T	Diethyl Ether	50.000	56.963	-13.9	32	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.145	-0.3	28	0.00
10	T	Methyl Iodide	50.000	50.855	-1.7	27	0.00
11	T	Tert butyl alcohol	250.000	344.237	-37.7#	37	0.00
12	CM	1,1-Dichloroethene	50.000	48.079	3.8#	27	0.00
13	T	Acrolein	250.000	341.719	-36.7#	39	0.00
14	T	Allyl chloride	50.000	52.722	-5.4	29	0.00
15	T	Acrylonitrile	250.000	349.065	-39.6#	40	0.00
16	T	Acetone	250.000	272.477	-9.0	28	0.00
17	T	Carbon Disulfide	50.000	49.687	0.6	28	0.00
18	T	Methyl Acetate	50.000	67.582	-35.2#	41	0.00
19	T	Methyl tert-butyl Ether	50.000	59.410	-18.8	33	0.00
20	T	Methylene Chloride	50.000	62.780	-25.6#	34	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.368	-2.7	29	0.00
22	T	Diisopropyl ether	50.000	58.400	-16.8	32	0.00
23	T	Vinyl Acetate	250.000	306.101	-22.4	33	0.00
24	P	1,1-Dichloroethane	50.000	56.003	-12.0	32	0.00
25	T	2-Butanone	250.000	304.775	-21.9	33	0.00
26	T	2,2-Dichloropropane	50.000	46.788	6.4	27	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.119	-8.2	30	0.00
28	T	Bromochloromethane	50.000	65.006	-30.0#	36	0.00
29	T	Tetrahydrofuran	250.000	350.480	-40.2#	40	0.00
30	C	Chloroform	50.000	56.274	-12.5#	32	0.00
31	T	Cyclohexane	50.000	44.439	11.1	26	0.00
32	T	1,1,1-Trichloroethane	50.000	51.688	-3.4	29	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.763	-23.5	34	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	29	0.00
35	S	Dibromofluoromethane	50.000	50.284	-0.6	31	0.00
36	T	1,1-Dichloropropene	50.000	49.691	0.6	28	0.00
37	T	Ethyl Acetate	50.000	66.767	-33.5#	38	0.00
38	T	Carbon Tetrachloride	50.000	49.351	1.3	28	0.00
39	T	Methylcyclohexane	50.000	43.984	12.0	25	0.00
40	TM	Benzene	50.000	52.887	-5.8	30	0.00
41	T	Methacrylonitrile	50.000	60.130	-20.3	39	0.01
42	TM	1,2-Dichloroethane	50.000	59.412	-18.8	34	0.00
43	T	Isopropyl Acetate	50.000	62.020	-24.0	36	0.00
44	TM	Trichloroethene	50.000	50.864	-1.7	29	0.00
45	C	1,2-Dichloropropane	50.000	56.430	-12.9#	32	0.00
46	T	Dibromomethane	50.000	60.350	-20.7	35	0.00
47	T	Bromodichloromethane	50.000	57.353	-14.7	33	0.00
48	T	Methyl methacrylate	50.000	60.434	-20.9	34	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1522.016	-52.2#	42	0.00
50	S	Toluene-d8	50.000	55.706	-11.4	29	0.00
51	T	4-Methyl-2-Pentanone	250.000	332.875	-33.1#	37	0.00
52	CM	Toluene	50.000	51.484	-3.0#	29	0.00
53	T	t-1,3-Dichloropropene	50.000	55.020	-10.0	31	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.542	-9.1	31	0.00
55	T	1,1,2-Trichloroethane	50.000	60.267	-20.5	35	0.00
56	T	Ethyl methacrylate	50.000	59.690	-19.4	33	0.00
57	T	1,3-Dichloropropane	50.000	60.352	-20.7	35	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	286.565	-14.6	34	0.00
59	T	2-Hexanone	250.000	320.898	-28.4#	34	0.00
60	T	Dibromochloromethane	50.000	58.406	-16.8	33	0.00
61	T	1,2-Dibromoethane	50.000	61.399	-22.8	35	0.00
62	S	4-Bromofluorobenzene	50.000	47.642	4.7	29	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	31	0.00
64	T	Tetrachloroethene	50.000	49.651	0.7	30	0.00
65	PM	Chlorobenzene	50.000	49.053	1.9	30	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.563	-3.1	31	0.00
67	C	Ethyl Benzene	50.000	46.353	7.3#	28	0.00
68	T	m/p-Xylenes	100.000	94.266	5.7	28	0.00
69	T	o-Xylene	50.000	47.591	4.8	28	0.00
70	T	Styrene	50.000	49.044	1.9	29	0.00
71	P	Bromoform	50.000	56.122	-12.2	34	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	31	0.00
73	T	Isopropylbenzene	50.000	44.967	10.1	27	0.00
74	T	N-amyl acetate	50.000	51.366	-2.7	30	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.635	-13.3	36	0.00
76	T	1,2,3-Trichloropropane	50.000	58.369	-16.7	36	0.00
77	T	Bromobenzene	50.000	49.084	1.8	31	0.00
78	T	n-propylbenzene	50.000	44.752	10.5	27	0.00
79	T	2-Chlorotoluene	50.000	46.374	7.3	29	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.036	7.9	28	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.516	-3.0	32	0.00
82	T	4-Chlorotoluene	50.000	46.540	6.9	29	0.00
83	T	tert-Butylbenzene	50.000	45.068	9.9	27	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.089	5.8	28	0.00
85	T	sec-Butylbenzene	50.000	44.910	10.2	27	0.00
86	T	p-Isopropyltoluene	50.000	44.464	11.1	26	0.00
87	T	1,3-Dichlorobenzene	50.000	47.200	5.6	29	0.00
88	T	1,4-Dichlorobenzene	50.000	47.560	4.9	29	0.00
89	T	n-Butylbenzene	50.000	44.566	10.9	26	0.00
90	T	Hexachloroethane	50.000	45.049	9.9	28	0.00
91	T	1,2-Dichlorobenzene	50.000	49.868	0.3	31	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.445	-6.9	34	0.00
93	T	1,2,4-Trichlorobenzene	50.000	43.835	12.3	27	0.00
94	T	Hexachlorobutadiene	50.000	44.342	11.3	28	0.00
95	T	Naphthalene	50.000	47.411	5.2	29	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.841	6.3	29	0.00

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