Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121124\
Data File : VY020588.D
Acq On : 11 Dec 2024 17:08
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 11 22:14:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
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	108	-0.01
2	T	Dichlorodifluoromethane	50.000	47.455	5.1	95	0.00
3	P	Chloromethane	50.000	54.919	-9.8	112	0.00
4	C	Vinyl Chloride	50.000	53.814	-7.6#	108	0.00
5	T	Bromomethane	50.000	55.280	-10.6	115	-0.01
6	T	Chloroethane	50.000	55.444	-10.9	116	-0.01
7	T	Trichlorofluoromethane	50.000	48.169	3.7	101	-0.01
8	T	Diethyl Ether	50.000	54.945	-9.9	119	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.855	-1.7	110	-0.01
10	T	Methyl Iodide	50.000	53.411	-6.8	107	-0.01
11	T	Tert butyl alcohol	250.000	296.570	-18.6	126	-0.01
12	CM	1,1-Dichloroethene	50.000	50.831	-1.7#	107	-0.02
13	T	Acrolein	250.000	156.250	37.5#	75	-0.01
14	T	Allyl chloride	50.000	53.163	-6.3	113	-0.02
15	T	Acrylonitrile	250.000	299.395	-19.8	124	-0.01
16	T	Acetone	250.000	269.833	-7.9	101	-0.02
17	T	Carbon Disulfide	50.000	50.946	-1.9	98	-0.01
18	T	Methyl Acetate	50.000	64.619	-29.2#	134	-0.02
19	T	Methyl tert-butyl Ether	50.000	55.101	-10.2	116	-0.02
20	T	Methylene Chloride	50.000	55.435	-10.9	120	-0.02
21	T	trans-1,2-Dichloroethene	50.000	51.794	-3.6	111	-0.02
22	T	Diisopropyl ether	50.000	56.361	-12.7	121	-0.01
23	T	Vinyl Acetate	250.000	289.809	-15.9	119	-0.01
24	P	1,1-Dichloroethane	50.000	53.649	-7.3	118	-0.02
25	T	2-Butanone	250.000	283.758	-13.5	109	-0.02
26	T	2,2-Dichloropropane	50.000	47.546	4.9	104	-0.02
27	T	cis-1,2-Dichloroethene	50.000	53.585	-7.2	115	-0.01
28	T	Bromochloromethane	50.000	57.527	-15.1	116	-0.01
29	T	Tetrahydrofuran	250.000	301.224	-20.5	121	0.00
30	C	Chloroform	50.000	52.507	-5.0#	116	-0.01
31	T	Cyclohexane	50.000	47.671	4.7	103	-0.01
32	T	1,1,1-Trichloroethane	50.000	48.877	2.2	107	-0.02
33	S	1,2-Dichloroethane-d4	50.000	52.994	-6.0	104	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	115	0.00
35	S	Dibromofluoromethane	50.000	52.411	-4.8	109	-0.01
36	T	1,1-Dichloropropene	50.000	47.993	4.0	106	-0.01
37	T	Ethyl Acetate	50.000	56.273	-12.5	124	-0.02
38	T	Carbon Tetrachloride	50.000	45.942	8.1	103	-0.01
39	T	Methylcyclohexane	50.000	47.257	5.5	103	0.00
40	TM	Benzene	50.000	49.894	0.2	113	-0.01
41	T	Methacrylonitrile	50.000	53.364	-6.7	109	-0.01
42	TM	1,2-Dichloroethane	50.000	51.834	-3.7	114	-0.01
43	T	Isopropyl Acetate	50.000	55.948	-11.9	121	-0.01
44	TM	Trichloroethene	50.000	48.957	2.1	112	0.00
45	C	1,2-Dichloropropane	50.000	51.431	-2.9#	120	0.00
46	T	Dibromomethane	50.000	53.785	-7.6	121	0.00
47	T	Bromodichloromethane	50.000	51.647	-3.3	119	-0.01
48	T	Methyl methacrylate	50.000	57.397	-14.8	124	-0.01

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1204.819	-20.5	127	-0.01
50	S	Toluene-d8	50.000	49.757	0.5	104	-0.01
51	T	4-Methyl-2-Pentanone	250.000	284.197	-13.7	122	0.00
52	CM	Toluene	50.000	49.654	0.7#	112	0.00
53	T	t-1,3-Dichloropropene	50.000	52.590	-5.2	117	-0.01
54	T	cis-1,3-Dichloropropene	50.000	52.270	-4.5	117	-0.01
55	T	1,1,2-Trichloroethane	50.000	54.528	-9.1	123	0.00
56	T	Ethyl methacrylate	50.000	55.957	-11.9	119	0.00
57	T	1,3-Dichloropropane	50.000	54.507	-9.0	122	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	270.081	-8.0	100	-0.01
59	T	2-Hexanone	250.000	271.585	-8.6	110	0.00
60	T	Dibromochloromethane	50.000	53.461	-6.9	119	-0.01
61	T	1,2-Dibromoethane	50.000	54.171	-8.3	121	-0.01
62	S	4-Bromofluorobenzene	50.000	51.384	-2.8	109	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	119	-0.01
64	T	Tetrachloroethene	50.000	47.009	6.0	112	0.00
65	PM	Chlorobenzene	50.000	48.683	2.6	117	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.326	1.3	120	0.00
67	C	Ethyl Benzene	50.000	47.280	5.4#	112	0.00
68	T	m/p-Xylenes	100.000	94.882	5.1	114	0.00
69	T	o-Xylene	50.000	48.941	2.1	116	0.00
70	T	Styrene	50.000	49.485	1.0	117	0.00
71	P	Bromoform	50.000	53.097	-6.2	123	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	123	0.00
73	T	Isopropylbenzene	50.000	43.809	12.4	114	0.00
74	T	N-amyl acetate	50.000	51.031	-2.1	120	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.341	-0.7	126	0.00
76	T	1,2,3-Trichloropropane	50.000	51.440	-2.9	153	0.00
77	T	Bromobenzene	50.000	46.759	6.5	120	0.00
78	T	n-propylbenzene	50.000	44.694	10.6	115	0.00
79	T	2-Chlorotoluene	50.000	45.064	9.9	117	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.841	10.3	115	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.298	1.4	120	0.00
82	T	4-Chlorotoluene	50.000	45.150	9.7	117	0.00
83	T	tert-Butylbenzene	50.000	44.886	10.2	117	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.829	8.3	118	0.00
85	T	sec-Butylbenzene	50.000	45.428	9.1	118	0.00
86	T	p-Isopropyltoluene	50.000	45.525	9.0	117	0.00
87	T	1,3-Dichlorobenzene	50.000	46.725	6.5	120	0.00
88	T	1,4-Dichlorobenzene	50.000	46.955	6.1	121	0.00
89	T	n-Butylbenzene	50.000	46.099	7.8	118	0.00
90	T	Hexachloroethane	50.000	46.379	7.2	122	0.00
91	T	1,2-Dichlorobenzene	50.000	48.476	3.0	124	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.402	-2.8	123	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.167	-2.3	126	0.00
94	T	Hexachlorobutadiene	50.000	48.268	3.5	119	0.00
95	T	Naphthalene	50.000	55.144	-10.3	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.799	-7.6	130	0.00

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