Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041124\
Data File : VY017900.D
Acq On : 11 Apr 2024 10:18
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: Apr 12 04:55:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 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	51	0.00
2	T	Dichlorodifluoromethane	50.000	48.708	2.6	61	0.00
3	P	Chloromethane	50.000	53.488	-7.0	61	0.00
4	C	Vinyl Chloride	50.000	63.984	-28.0#	74	0.00
5	T	Bromomethane	50.000	70.761	-41.5#	86	0.00
6	T	Chloroethane	50.000	72.979	-46.0#	85	0.00
7	T	Trichlorofluoromethane	50.000	51.660	-3.3	62	0.01
8	T	Diethyl Ether	50.000	51.309	-2.6	59	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.387	3.2	57	0.01
10	T	Methyl Iodide	50.000	52.599	-5.2	56	0.00
11	T	Tert butyl alcohol	250.000	250.502	-0.2	54	0.00
12	CM	1,1-Dichloroethene	50.000	47.798	4.4#	55	0.00
13	T	Acrolein	250.000	202.538	19.0	45	0.00
14	T	Allyl chloride	50.000	43.984	12.0	50	0.00
15	T	Acrylonitrile	250.000	246.090	1.6	56	0.00
16	T	Acetone	250.000	255.627	-2.3	57	0.00
17	T	Carbon Disulfide	50.000	43.496	13.0	47	0.00
18	T	Methyl Acetate	50.000	48.779	2.4	57	0.00
19	T	Methyl tert-butyl Ether	50.000	54.649	-9.3	62	0.00
20	T	Methylene Chloride	50.000	47.720	4.6	54	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.734	-1.5	58	0.00
22	T	Diisopropyl ether	50.000	49.164	1.7	56	0.00
23	T	Vinyl Acetate	250.000	255.249	-2.1	57	0.00
24	P	1,1-Dichloroethane	50.000	50.945	-1.9	59	0.00
25	T	2-Butanone	250.000	255.528	-2.2	58	0.00
26	T	2,2-Dichloropropane	50.000	51.438	-2.9	62	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.718	-5.4	60	0.00
28	T	Bromochloromethane	50.000	54.347	-8.7	53	0.00
29	T	Tetrahydrofuran	250.000	251.799	-0.7	57	0.00
30	C	Chloroform	50.000	54.972	-9.9#	64	0.00
31	T	Cyclohexane	50.000	42.321	15.4	50	0.00
32	T	1,1,1-Trichloroethane	50.000	54.139	-8.3	64	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.485	-11.0	62	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	51	0.00
35	S	Dibromofluoromethane	50.000	55.112	-10.2	61	0.00
36	T	1,1-Dichloropropene	50.000	49.777	0.4	57	0.00
37	T	Ethyl Acetate	50.000	48.339	3.3	57	0.00
38	T	Carbon Tetrachloride	50.000	53.289	-6.6	62	0.00
39	T	Methylcyclohexane	50.000	46.669	6.7	52	0.00
40	TM	Benzene	50.000	50.791	-1.6	59	0.00
41	T	Methacrylonitrile	50.000	51.521	-3.0	54	0.00
42	TM	1,2-Dichloroethane	50.000	54.766	-9.5	63	0.00
43	T	Isopropyl Acetate	50.000	51.019	-2.0	60	0.00
44	TM	Trichloroethene	50.000	50.923	-1.8	59	0.00
45	C	1,2-Dichloropropane	50.000	50.899	-1.8#	59	0.00
46	T	Dibromomethane	50.000	54.043	-8.1	62	0.00
47	T	Bromodichloromethane	50.000	55.182	-10.4	64	0.00
48	T	Methyl methacrylate	50.000	52.494	-5.0	57	0.00

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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	1070.699	-7.1	60	0.00
50	S	Toluene-d8	50.000	53.564	-7.1	58	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.653	-12.3	61	0.00
52	CM	Toluene	50.000	53.677	-7.4#	62	0.00
53	T	t-1,3-Dichloropropene	50.000	54.035	-8.1	62	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.938	-3.9	60	0.00
55	T	1,1,2-Trichloroethane	50.000	54.361	-8.7	65	0.00
56	T	Ethyl methacrylate	50.000	55.887	-11.8	60	0.00
57	T	1,3-Dichloropropane	50.000	53.825	-7.7	63	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.032	-9.2	51	0.00
59	T	2-Hexanone	250.000	276.596	-10.6	59	0.00
60	T	Dibromochloromethane	50.000	55.047	-10.1	65	0.00
61	T	1,2-Dibromoethane	50.000	54.134	-8.3	63	0.00
62	S	4-Bromofluorobenzene	50.000	53.971	-7.9	60	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	52	0.00
64	T	Tetrachloroethene	50.000	50.898	-1.8	61	0.00
65	PM	Chlorobenzene	50.000	51.466	-2.9	62	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.944	-7.9	65	0.00
67	C	Ethyl Benzene	50.000	52.408	-4.8#	62	0.00
68	T	m/p-Xylenes	100.000	106.242	-6.2	63	0.00
69	T	o-Xylene	50.000	57.639	-15.3	62	0.00
70	T	Styrene	50.000	58.749	-17.5	64	0.00
71	P	Bromoform	50.000	52.699	-5.4	63	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	51	0.00
73	T	Isopropylbenzene	50.000	53.331	-6.7	63	0.00
74	T	N-amyl acetate	50.000	53.465	-6.9	57	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.199	-4.4	63	0.00
76	T	1,2,3-Trichloropropane	50.000	47.369	5.3	55	0.00
77	T	Bromobenzene	50.000	52.023	-4.0	64	0.00
78	T	n-propylbenzene	50.000	52.714	-5.4	62	0.00
79	T	2-Chlorotoluene	50.000	51.673	-3.3	61	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.265	-6.5	63	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.632	-7.3	60	0.00
82	T	4-Chlorotoluene	50.000	51.045	-2.1	60	0.00
83	T	tert-Butylbenzene	50.000	53.391	-6.8	64	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.579	-5.2	62	0.00
85	T	sec-Butylbenzene	50.000	53.706	-7.4	63	0.00
86	T	p-Isopropyltoluene	50.000	52.886	-5.8	63	0.00
87	T	1,3-Dichlorobenzene	50.000	52.292	-4.6	64	0.00
88	T	1,4-Dichlorobenzene	50.000	52.349	-4.7	63	0.00
89	T	n-Butylbenzene	50.000	52.727	-5.5	61	0.00
90	T	Hexachloroethane	50.000	52.751	-5.5	65	0.00
91	T	1,2-Dichlorobenzene	50.000	53.271	-6.5	63	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.590	-1.2	61	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.103	-2.2	58	0.00
94	T	Hexachlorobutadiene	50.000	50.018	-0.0	60	0.00
95	T	Naphthalene	50.000	53.372	-6.7	58	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.207	-2.4	58	0.00

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