Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
Data File : VY017776.D
Acq On : 27 Mar 2024 09:46
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: Mar 28 02:14:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 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	93	-0.02
2	T	Dichlorodifluoromethane	50.000	42.347	15.3	81	0.00
3	P	Chloromethane	50.000	48.033	3.9	86	0.00
4	C	Vinyl Chloride	50.000	49.528	0.9#	87	0.00
5	T	Bromomethane	50.000	50.467	-0.9	96	0.00
6	T	Chloroethane	50.000	51.425	-2.8	93	-0.01
7	T	Trichlorofluoromethane	50.000	49.079	1.8	88	-0.02
8	T	Diethyl Ether	50.000	53.340	-6.7	94	-0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.800	6.4	84	-0.02
10	T	Methyl Iodide	50.000	50.106	-0.2	83	-0.02
11	T	Tert butyl alcohol	250.000	249.490	0.2	99	-0.01
12	CM	1,1-Dichloroethene	50.000	48.825	2.3#	85	-0.02
13	T	Acrolein	250.000	309.084	-23.6	106	-0.02
14	T	Allyl chloride	50.000	49.892	0.2	84	-0.02
15	T	Acrylonitrile	250.000	270.765	-8.3	93	-0.02
16	T	Acetone	250.000	355.745	-42.3#	117	-0.02
17	T	Carbon Disulfide	50.000	46.389	7.2	82	-0.02
18	T	Methyl Acetate	50.000	52.925	-5.8	92	-0.02
19	T	Methyl tert-butyl Ether	50.000	54.134	-8.3	91	-0.02
20	T	Methylene Chloride	50.000	50.610	-1.2	95	-0.02
21	T	trans-1,2-Dichloroethene	50.000	50.299	-0.6	87	-0.02
22	T	Diisopropyl ether	50.000	52.353	-4.7	88	-0.01
23	T	Vinyl Acetate	250.000	273.964	-9.6	91	-0.02
24	P	1,1-Dichloroethane	50.000	50.199	-0.4	87	-0.02
25	T	2-Butanone	250.000	277.904	-11.2	103	-0.02
26	T	2,2-Dichloropropane	50.000	49.372	1.3	86	-0.02
27	T	cis-1,2-Dichloroethene	50.000	51.771	-3.5	89	-0.02
28	T	Bromochloromethane	50.000	53.842	-7.7	98	-0.01
29	T	Tetrahydrofuran	250.000	255.464	-2.2	93	-0.02
30	C	Chloroform	50.000	50.279	-0.6#	88	-0.02
31	T	Cyclohexane	50.000	43.950	12.1	79	-0.02
32	T	1,1,1-Trichloroethane	50.000	49.701	0.6	86	-0.01
33	S	1,2-Dichloroethane-d4	50.000	52.190	-4.4	97	-0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	-0.01
35	S	Dibromofluoromethane	50.000	50.662	-1.3	94	-0.02
36	T	1,1-Dichloropropene	50.000	46.845	6.3	83	-0.02
37	T	Ethyl Acetate	50.000	53.109	-6.2	93	-0.02
38	T	Carbon Tetrachloride	50.000	48.340	3.3	85	-0.02
39	T	Methylcyclohexane	50.000	46.258	7.5	78	0.00
40	TM	Benzene	50.000	49.918	0.2	87	-0.01
41	T	Methacrylonitrile	50.000	60.442	-20.9	102	0.00
42	TM	1,2-Dichloroethane	50.000	50.842	-1.7	90	0.00
43	T	Isopropyl Acetate	50.000	48.804	2.4	91	-0.01
44	TM	Trichloroethene	50.000	50.103	-0.2	90	-0.01
45	C	1,2-Dichloropropane	50.000	49.315	1.4#	86	-0.01
46	T	Dibromomethane	50.000	52.434	-4.9	92	0.00
47	T	Bromodichloromethane	50.000	51.485	-3.0	90	0.00
48	T	Methyl methacrylate	50.000	49.485	1.0	93	-0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1128.033	-12.8	97	-0.01
50	S	Toluene-d8	50.000	49.974	0.1	92	-0.01
51	T	4-Methyl-2-Pentanone	250.000	255.966	-2.4	96	0.00
52	CM	Toluene	50.000	50.725	-1.5#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	53.277	-6.6	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.014	-4.0	89	0.00
55	T	1,1,2-Trichloroethane	50.000	53.515	-7.0	93	0.00
56	T	Ethyl methacrylate	50.000	49.904	0.2	92	0.00
57	T	1,3-Dichloropropane	50.000	53.052	-6.1	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	253.694	-1.5	97	0.00
59	T	2-Hexanone	250.000	270.558	-8.2	102	0.00
60	T	Dibromochloromethane	50.000	52.238	-4.5	92	0.00
61	T	1,2-Dibromoethane	50.000	53.888	-7.8	94	-0.01
62	S	4-Bromofluorobenzene	50.000	52.587	-5.2	97	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	48.585	2.8	87	0.00
65	PM	Chlorobenzene	50.000	49.333	1.3	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.960	-1.9	90	-0.01
67	C	Ethyl Benzene	50.000	49.819	0.4#	86	0.00
68	T	m/p-Xylenes	100.000	101.886	-1.9	89	0.00
69	T	o-Xylene	50.000	51.853	-3.7	89	-0.01
70	T	Styrene	50.000	53.547	-7.1	92	0.00
71	P	Bromoform	50.000	53.676	-7.4	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	101	0.00
73	T	Isopropylbenzene	50.000	47.589	4.8	87	0.00
74	T	N-amyl acetate	50.000	46.856	6.3	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.230	-2.5	95	0.00
76	T	1,2,3-Trichloropropane	50.000	48.609	2.8	94	0.00
77	T	Bromobenzene	50.000	50.562	-1.1	93	0.00
78	T	n-propylbenzene	50.000	47.707	4.6	85	0.00
79	T	2-Chlorotoluene	50.000	48.240	3.5	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.913	2.2	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.265	-4.5	95	0.00
82	T	4-Chlorotoluene	50.000	47.921	4.2	88	0.00
83	T	tert-Butylbenzene	50.000	48.099	3.8	85	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.940	0.1	90	0.00
85	T	sec-Butylbenzene	50.000	48.476	3.0	87	0.00
86	T	p-Isopropyltoluene	50.000	49.444	1.1	88	0.00
87	T	1,3-Dichlorobenzene	50.000	48.663	2.7	92	0.00
88	T	1,4-Dichlorobenzene	50.000	49.289	1.4	92	0.00
89	T	n-Butylbenzene	50.000	49.229	1.5	89	0.00
90	T	Hexachloroethane	50.000	47.406	5.2	88	0.00
91	T	1,2-Dichlorobenzene	50.000	49.664	0.7	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.490	-5.0	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.376	-10.8	98	0.00
94	T	Hexachlorobutadiene	50.000	49.254	1.5	93	0.00
95	T	Naphthalene	50.000	50.025	-0.0	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.651	-11.3	99	0.00

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