Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
Data File : VY018152.D
Acq On : 06 May 2024 09:52
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: May 07 02:14:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	42.777	14.4	66	0.00
3	P	Chloromethane	50.000	47.794	4.4	72	0.00
4	C	Vinyl Chloride	50.000	51.157	-2.3#	75	0.00
5	T	Bromomethane	50.000	57.823	-15.6	86	0.00
6	T	Chloroethane	50.000	53.285	-6.6	76	0.00
7	T	Trichlorofluoromethane	50.000	45.738	8.5	67	0.00
8	T	Diethyl Ether	50.000	47.126	5.7	68	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.928	10.1	67	0.00
10	T	Methyl Iodide	50.000	45.280	9.4	63	0.00
11	T	Tert butyl alcohol	250.000	230.422	7.8	69	0.00
12	CM	1,1-Dichloroethene	50.000	46.220	7.6#	68	-0.01
13	T	Acrolein	250.000	175.637	29.7#	56	0.00
14	T	Allyl chloride	50.000	45.021	10.0	66	0.00
15	T	Acrylonitrile	250.000	241.756	3.3	68	0.00
16	T	Acetone	250.000	286.725	-14.7	75	0.00
17	T	Carbon Disulfide	50.000	46.429	7.1	68	0.00
18	T	Methyl Acetate	50.000	46.466	7.1	69	-0.01
19	T	Methyl tert-butyl Ether	50.000	44.885	10.2	64	0.00
20	T	Methylene Chloride	50.000	42.449	15.1	66	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.093	5.8	68	0.00
22	T	Diisopropyl ether	50.000	44.685	10.6	66	0.00
23	T	Vinyl Acetate	250.000	224.422	10.2	64	-0.01
24	P	1,1-Dichloroethane	50.000	46.300	7.4	68	-0.01
25	T	2-Butanone	250.000	261.358	-4.5	70	0.00
26	T	2,2-Dichloropropane	50.000	45.246	9.5	67	0.00
27	T	cis-1,2-Dichloroethene	50.000	45.819	8.4	67	0.00
28	T	Bromochloromethane	50.000	45.886	8.2	75	0.00
29	T	Tetrahydrofuran	250.000	237.505	5.0	66	0.00
30	C	Chloroform	50.000	45.458	9.1#	67	0.00
31	T	Cyclohexane	50.000	44.185	11.6	68	0.00
32	T	1,1,1-Trichloroethane	50.000	45.513	9.0	67	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.210	1.6	72	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	50.167	-0.3	74	0.00
36	T	1,1-Dichloropropene	50.000	46.159	7.7	67	0.00
37	T	Ethyl Acetate	50.000	45.395	9.2	63	0.00
38	T	Carbon Tetrachloride	50.000	44.886	10.2	66	0.00
39	T	Methylcyclohexane	50.000	43.664	12.7	65	0.00
40	TM	Benzene	50.000	46.005	8.0	68	0.00
41	T	Methacrylonitrile	50.000	45.238	9.5	72	-0.02
42	TM	1,2-Dichloroethane	50.000	44.823	10.4	65	0.00
43	T	Isopropyl Acetate	50.000	44.640	10.7	64	0.00
44	TM	Trichloroethene	50.000	44.441	11.1	65	0.00
45	C	1,2-Dichloropropane	50.000	45.265	9.5#	67	0.00
46	T	Dibromomethane	50.000	44.307	11.4	65	0.00
47	T	Bromodichloromethane	50.000	43.859	12.3	64	0.00
48	T	Methyl methacrylate	50.000	43.923	12.2	63	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	981.926	1.8	68	0.00
50	S	Toluene-d8	50.000	49.430	1.1	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	229.661	8.1	65	0.00
52	CM	Toluene	50.000	44.834	10.3#	66	0.00
53	T	t-1,3-Dichloropropene	50.000	44.785	10.4	64	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.396	9.2	65	0.00
55	T	1,1,2-Trichloroethane	50.000	45.009	10.0	64	0.00
56	T	Ethyl methacrylate	50.000	44.026	11.9	63	0.00
57	T	1,3-Dichloropropane	50.000	45.626	8.7	65	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	249.770	0.1	74	0.00
59	T	2-Hexanone	250.000	248.263	0.7	67	0.00
60	T	Dibromochloromethane	50.000	44.095	11.8	63	0.00
61	T	1,2-Dibromoethane	50.000	44.627	10.7	63	0.00
62	S	4-Bromofluorobenzene	50.000	45.947	8.1	70	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
64	T	Tetrachloroethene	50.000	44.106	11.8	65	0.00
65	PM	Chlorobenzene	50.000	44.660	10.7	65	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	43.993	12.0	64	0.00
67	C	Ethyl Benzene	50.000	45.009	10.0#	66	0.00
68	T	m/p-Xylenes	100.000	89.206	10.8	65	0.00
69	T	o-Xylene	50.000	44.150	11.7	65	0.00
70	T	Styrene	50.000	44.761	10.5	65	0.00
71	P	Bromoform	50.000	42.447	15.1	60	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73	T	Isopropylbenzene	50.000	44.773	10.5	65	0.00
74	T	N-amyl acetate	50.000	43.677	12.6	60	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.428	9.1	64	0.00
76	T	1,2,3-Trichloropropane	50.000	47.815	4.4	68	0.00
77	T	Bromobenzene	50.000	44.767	10.5	63	0.00
78	T	n-propylbenzene	50.000	45.423	9.2	65	0.00
79	T	2-Chlorotoluene	50.000	44.053	11.9	64	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.172	11.7	64	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.871	12.3	60	0.00
82	T	4-Chlorotoluene	50.000	43.249	13.5	62	0.00
83	T	tert-Butylbenzene	50.000	44.298	11.4	63	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.516	11.0	64	0.00
85	T	sec-Butylbenzene	50.000	45.243	9.5	66	0.00
86	T	p-Isopropyltoluene	50.000	45.265	9.5	65	0.00
87	T	1,3-Dichlorobenzene	50.000	44.820	10.4	64	0.00
88	T	1,4-Dichlorobenzene	50.000	44.554	10.9	63	0.00
89	T	n-Butylbenzene	50.000	45.911	8.2	66	0.00
90	T	Hexachloroethane	50.000	43.671	12.7	63	0.00
91	T	1,2-Dichlorobenzene	50.000	44.626	10.7	63	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.189	13.6	60	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.387	9.2	63	0.00
94	T	Hexachlorobutadiene	50.000	45.276	9.4	66	0.00
95	T	Naphthalene	50.000	45.525	9.0	61	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.682	8.6	63	0.00

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