Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042324\
Data File : VY018026.D
Acq On : 23 Apr 2024 16:30
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 24 01:15:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	44.568	10.9	70	0.00
3	P	Chloromethane	50.000	42.524	15.0	69	0.00
4	C	Vinyl Chloride	50.000	42.853	14.3#	65	0.00
5	T	Bromomethane	50.000	47.509	5.0	72	0.00
6	T	Chloroethane	50.000	45.126	9.7	70	0.00
7	T	Trichlorofluoromethane	50.000	47.022	6.0	72	0.00
8	T	Diethyl Ether	50.000	48.042	3.9	73	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.057	5.9	71	0.00
10	T	Methyl Iodide	50.000	50.391	-0.8	75	0.00
11	T	Tert butyl alcohol	250.000	196.221	21.5	61	0.00
12	CM	1,1-Dichloroethene	50.000	49.520	1.0#	75	0.00
13	T	Acrolein	250.000	277.982	-11.2	87	0.00
14	T	Allyl chloride	50.000	51.991	-4.0	77	0.00
15	T	Acrylonitrile	250.000	238.198	4.7	72	0.00
16	T	Acetone	250.000	180.081	28.0#	53	0.00
17	T	Carbon Disulfide	50.000	47.874	4.3	73	0.00
18	T	Methyl Acetate	50.000	43.612	12.8	71	0.00
19	T	Methyl tert-butyl Ether	50.000	47.981	4.0	71	0.00
20	T	Methylene Chloride	50.000	48.983	2.0	78	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.793	-1.6	76	0.00
22	T	Diisopropyl ether	50.000	54.133	-8.3	79	0.00
23	T	Vinyl Acetate	250.000	249.826	0.1	72	0.00
24	P	1,1-Dichloroethane	50.000	51.602	-3.2	77	0.00
25	T	2-Butanone	250.000	213.693	14.5	62	0.00
26	T	2,2-Dichloropropane	50.000	47.829	4.3	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.817	-3.6	77	0.00
28	T	Bromochloromethane	50.000	53.444	-6.9	80	0.00
29	T	Tetrahydrofuran	250.000	233.493	6.6	69	0.00
30	C	Chloroform	50.000	51.166	-2.3#	78	0.00
31	T	Cyclohexane	50.000	47.700	4.6	73	0.00
32	T	1,1,1-Trichloroethane	50.000	50.454	-0.9	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.946	-5.9	77	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	79	0.00
35	S	Dibromofluoromethane	50.000	54.257	-8.5	80	0.00
36	T	1,1-Dichloropropene	50.000	49.128	1.7	74	0.00
37	T	Ethyl Acetate	50.000	46.342	7.3	71	0.00
38	T	Carbon Tetrachloride	50.000	49.771	0.5	75	0.00
39	T	Methylcyclohexane	50.000	48.171	3.7	71	0.00
40	TM	Benzene	50.000	51.502	-3.0	78	0.00
41	T	Methacrylonitrile	50.000	48.334	3.3	73	0.00
42	TM	1,2-Dichloroethane	50.000	47.894	4.2	73	0.00
43	T	Isopropyl Acetate	50.000	44.605	10.8	67	0.00
44	TM	Trichloroethene	50.000	50.703	-1.4	77	0.00
45	C	1,2-Dichloropropane	50.000	51.804	-3.6#	79	0.00
46	T	Dibromomethane	50.000	47.790	4.4	73	0.00
47	T	Bromodichloromethane	50.000	50.067	-0.1	76	0.00
48	T	Methyl methacrylate	50.000	46.243	7.5	68	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	916.110	8.4	68	0.00
50	S	Toluene-d8	50.000	56.798	-13.6	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	231.718	7.3	68	0.00
52	CM	Toluene	50.000	51.727	-3.5#	77	0.00
53	T	t-1,3-Dichloropropene	50.000	48.710	2.6	72	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.667	0.7	74	0.00
55	T	1,1,2-Trichloroethane	50.000	48.585	2.8	74	0.00
56	T	Ethyl methacrylate	50.000	47.410	5.2	69	0.00
57	T	1,3-Dichloropropane	50.000	48.899	2.2	74	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	219.883	12.0	66	0.00
59	T	2-Hexanone	250.000	224.467	10.2	65	0.00
60	T	Dibromochloromethane	50.000	48.365	3.3	73	0.00
61	T	1,2-Dibromoethane	50.000	46.953	6.1	71	0.00
62	S	4-Bromofluorobenzene	50.000	52.948	-5.9	76	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	50.632	-1.3	75	0.00
65	PM	Chlorobenzene	50.000	50.241	-0.5	75	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.334	-0.7	75	0.00
67	C	Ethyl Benzene	50.000	51.972	-3.9#	75	0.00
68	T	m/p-Xylenes	100.000	102.099	-2.1	74	0.00
69	T	o-Xylene	50.000	51.190	-2.4	74	0.00
70	T	Styrene	50.000	52.244	-4.5	74	0.00
71	P	Bromoform	50.000	45.426	9.1	67	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73	T	Isopropylbenzene	50.000	53.041	-6.1	74	0.00
74	T	N-amyl acetate	50.000	48.710	2.6	68	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.178	5.6	69	0.00
76	T	1,2,3-Trichloropropane	50.000	50.259	-0.5	74	0.00
77	T	Bromobenzene	50.000	51.338	-2.7	73	0.00
78	T	n-propylbenzene	50.000	53.406	-6.8	74	0.00
79	T	2-Chlorotoluene	50.000	52.791	-5.6	75	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.664	-5.3	73	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.149	9.7	64	0.00
82	T	4-Chlorotoluene	50.000	51.123	-2.2	72	0.00
83	T	tert-Butylbenzene	50.000	52.209	-4.4	72	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.033	-6.1	73	0.00
85	T	sec-Butylbenzene	50.000	52.272	-4.5	72	0.00
86	T	p-Isopropyltoluene	50.000	52.299	-4.6	72	0.00
87	T	1,3-Dichlorobenzene	50.000	50.038	-0.1	72	0.00
88	T	1,4-Dichlorobenzene	50.000	49.172	1.7	71	0.00
89	T	n-Butylbenzene	50.000	52.156	-4.3	71	0.00
90	T	Hexachloroethane	50.000	52.357	-4.7	75	0.00
91	T	1,2-Dichlorobenzene	50.000	49.442	1.1	70	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	42.279	15.4	62	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.729	10.5	64	0.00
94	T	Hexachlorobutadiene	50.000	47.755	4.5	69	0.00
95	T	Naphthalene	50.000	43.770	12.5	60	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.635	10.7	63	0.00

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