Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
Data File : VY018300.D
Acq On : 17 May 2024 11:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 18 00:45:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 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	68	0.00
2	T	Dichlorodifluoromethane	50.000	44.873	10.3	60	0.00
3	P	Chloromethane	50.000	51.199	-2.4	65	0.00
4	C	Vinyl Chloride	50.000	50.273	-0.5#	63	0.00
5	T	Bromomethane	50.000	49.228	1.5	65	0.00
6	T	Chloroethane	50.000	52.461	-4.9	67	0.00
7	T	Trichlorofluoromethane	50.000	47.299	5.4	62	0.00
8	T	Diethyl Ether	50.000	47.364	5.3	64	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.963	6.1	61	0.00
10	T	Methyl Iodide	50.000	45.085	9.8	54	0.00
11	T	Tert butyl alcohol	250.000	278.345	-11.3	76	-0.01
12	CM	1,1-Dichloroethene	50.000	46.979	6.0#	60	0.00
13	T	Acrolein	250.000	221.610	11.4	72	0.00
14	T	Allyl chloride	50.000	52.562	-5.1	68	0.00
15	T	Acrylonitrile	250.000	264.135	-5.7	73	0.00
16	T	Acetone	250.000	301.258	-20.5	82	0.00
17	T	Carbon Disulfide	50.000	47.811	4.4	57	0.00
18	T	Methyl Acetate	50.000	50.418	-0.8	74	0.00
19	T	Methyl tert-butyl Ether	50.000	49.875	0.3	68	0.00
20	T	Methylene Chloride	50.000	47.837	4.3	67	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.446	3.1	62	0.00
22	T	Diisopropyl ether	50.000	50.048	-0.1	67	0.00
23	T	Vinyl Acetate	250.000	255.088	-2.0	69	0.00
24	P	1,1-Dichloroethane	50.000	49.785	0.4	65	0.00
25	T	2-Butanone	250.000	262.737	-5.1	73	0.00
26	T	2,2-Dichloropropane	50.000	48.854	2.3	64	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.741	4.5	61	0.00
28	T	Bromochloromethane	50.000	48.344	3.3	68	0.00
29	T	Tetrahydrofuran	250.000	251.883	-0.8	72	0.00
30	C	Chloroform	50.000	49.058	1.9#	64	0.00
31	T	Cyclohexane	50.000	48.167	3.7	60	0.00
32	T	1,1,1-Trichloroethane	50.000	49.003	2.0	64	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.197	-2.4	86	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	73	0.00
35	S	Dibromofluoromethane	50.000	46.381	7.2	78	0.00
36	T	1,1-Dichloropropene	50.000	46.111	7.8	63	0.00
37	T	Ethyl Acetate	50.000	48.785	2.4	70	0.00
38	T	Carbon Tetrachloride	50.000	45.558	8.9	62	0.00
39	T	Methylcyclohexane	50.000	43.633	12.7	57	0.00
40	TM	Benzene	50.000	46.579	6.8	63	0.00
41	T	Methacrylonitrile	50.000	53.403	-6.8	73	-0.01
42	TM	1,2-Dichloroethane	50.000	48.925	2.2	70	0.00
43	T	Isopropyl Acetate	50.000	48.719	2.6	72	0.00
44	TM	Trichloroethene	50.000	44.186	11.6	60	0.00
45	C	1,2-Dichloropropane	50.000	45.786	8.4#	62	0.00
46	T	Dibromomethane	50.000	45.755	8.5	66	0.00
47	T	Bromodichloromethane	50.000	47.641	4.7	66	0.00
48	T	Methyl methacrylate	50.000	47.773	4.5	71	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	901.573	9.8	66	0.01
50	S	Toluene-d8	50.000	45.278	9.4	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	244.124	2.4	72	0.00
52	CM	Toluene	50.000	45.446	9.1#	62	0.00
53	T	t-1,3-Dichloropropene	50.000	46.051	7.9	64	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.447	7.1	66	0.00
55	T	1,1,2-Trichloroethane	50.000	45.947	8.1	66	0.00
56	T	Ethyl methacrylate	50.000	45.880	8.2	66	0.00
57	T	1,3-Dichloropropane	50.000	47.663	4.7	68	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	287.406	-15.0	96	0.00
59	T	2-Hexanone	250.000	250.217	-0.1	72	0.00
60	T	Dibromochloromethane	50.000	45.255	9.5	64	0.00
61	T	1,2-Dibromoethane	50.000	45.895	8.2	66	0.00
62	S	4-Bromofluorobenzene	50.000	42.572	14.9	74	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	75	0.00
64	T	Tetrachloroethene	50.000	44.962	10.1	62	0.00
65	PM	Chlorobenzene	50.000	44.186	11.6	62	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.730	10.5	64	0.00
67	C	Ethyl Benzene	50.000	45.102	9.8#	63	0.00
68	T	m/p-Xylenes	100.000	89.979	10.0	62	0.00
69	T	o-Xylene	50.000	44.464	11.1	63	0.00
70	T	Styrene	50.000	45.198	9.6	63	0.00
71	P	Bromoform	50.000	43.387	13.2	63	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	72	0.00
73	T	Isopropylbenzene	50.000	47.014	6.0	63	0.00
74	T	N-amyl acetate	50.000	48.680	2.6	71	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.164	7.7	66	0.00
76	T	1,2,3-Trichloropropane	50.000	47.803	4.4	70	0.00
77	T	Bromobenzene	50.000	45.621	8.8	61	0.00
78	T	n-propylbenzene	50.000	46.936	6.1	63	0.00
79	T	2-Chlorotoluene	50.000	46.432	7.1	63	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.233	7.5	62	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	43.776	12.4	60	0.00
82	T	4-Chlorotoluene	50.000	46.607	6.8	64	0.00
83	T	tert-Butylbenzene	50.000	47.017	6.0	63	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.471	7.1	63	0.00
85	T	sec-Butylbenzene	50.000	46.013	8.0	62	0.00
86	T	p-Isopropyltoluene	50.000	46.215	7.6	61	0.00
87	T	1,3-Dichlorobenzene	50.000	46.117	7.8	63	0.00
88	T	1,4-Dichlorobenzene	50.000	45.632	8.7	62	0.00
89	T	n-Butylbenzene	50.000	46.309	7.4	62	0.00
90	T	Hexachloroethane	50.000	44.430	11.1	60	0.00
91	T	1,2-Dichlorobenzene	50.000	46.027	7.9	63	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.053	9.9	68	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.419	9.2	62	0.00
94	T	Hexachlorobutadiene	50.000	44.410	11.2	57	0.00
95	T	Naphthalene	50.000	46.996	6.0	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.034	7.9	63	0.00

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