Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040524\
Data File : VY017874.D
Acq On : 05 Apr 2024 16:27
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 06 04:49:54 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	57	0.00
2	T	Dichlorodifluoromethane	50.000	49.879	0.2	69	0.01
3	P	Chloromethane	50.000	52.644	-5.3	67	0.00
4	C	Vinyl Chloride	50.000	61.778	-23.6#	80	0.01
5	T	Bromomethane	50.000	64.821	-29.6#	88	0.01
6	T	Chloroethane	50.000	68.292	-36.6#	88	0.01
7	T	Trichlorofluoromethane	50.000	47.538	4.9	63	0.02
8	T	Diethyl Ether	50.000	48.810	2.4	63	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.054	7.9	61	0.02
10	T	Methyl Iodide	50.000	50.235	-0.5	60	0.02
11	T	Tert butyl alcohol	250.000	223.894	10.4	55	0.00
12	CM	1,1-Dichloroethene	50.000	46.439	7.1#	60	0.02
13	T	Acrolein	250.000	172.361	31.1#	43	0.02
14	T	Allyl chloride	50.000	45.169	9.7	57	0.02
15	T	Acrylonitrile	250.000	225.526	9.8	57	0.02
16	T	Acetone	250.000	204.863	18.1	51	0.01
17	T	Carbon Disulfide	50.000	44.978	10.0	54	0.02
18	T	Methyl Acetate	50.000	44.563	10.9	58	0.01
19	T	Methyl tert-butyl Ether	50.000	50.751	-1.5	65	0.02
20	T	Methylene Chloride	50.000	51.125	-2.3	64	0.01
21	T	trans-1,2-Dichloroethene	50.000	49.120	1.8	62	0.01
22	T	Diisopropyl ether	50.000	49.540	0.9	63	0.01
23	T	Vinyl Acetate	250.000	241.011	3.6	60	0.02
24	P	1,1-Dichloroethane	50.000	50.348	-0.7	65	0.02
25	T	2-Butanone	250.000	214.981	14.0	54	0.02
26	T	2,2-Dichloropropane	50.000	47.541	4.9	64	0.01
27	T	cis-1,2-Dichloroethene	50.000	51.062	-2.1	65	0.02
28	T	Bromochloromethane	50.000	51.166	-2.3	56	0.02
29	T	Tetrahydrofuran	250.000	221.207	11.5	56	0.01
30	C	Chloroform	50.000	52.633	-5.3#	69	0.01
31	T	Cyclohexane	50.000	42.498	15.0	56	0.01
32	T	1,1,1-Trichloroethane	50.000	51.428	-2.9	68	0.01
33	S	1,2-Dichloroethane-d4	50.000	52.116	-4.2	65	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	59	0.01
35	S	Dibromofluoromethane	50.000	50.117	-0.2	64	0.01
36	T	1,1-Dichloropropene	50.000	47.456	5.1	62	0.01
37	T	Ethyl Acetate	50.000	43.926	12.1	60	0.01
38	T	Carbon Tetrachloride	50.000	48.538	2.9	65	0.01
39	T	Methylcyclohexane	50.000	44.539	10.9	58	0.00
40	TM	Benzene	50.000	48.441	3.1	65	0.01
41	T	Methacrylonitrile	50.000	37.251	25.5#	43	0.00
42	TM	1,2-Dichloroethane	50.000	50.696	-1.4	68	0.00
43	T	Isopropyl Acetate	50.000	44.786	10.4	60	0.00
44	TM	Trichloroethene	50.000	47.048	5.9	63	0.01
45	C	1,2-Dichloropropane	50.000	47.568	4.9#	64	0.00
46	T	Dibromomethane	50.000	48.495	3.0	65	0.01
47	T	Bromodichloromethane	50.000	50.864	-1.7	69	0.00
48	T	Methyl methacrylate	50.000	46.794	6.4	58	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	927.809	7.2	60	0.00
50	S	Toluene-d8	50.000	49.747	0.5	62	0.00
51	T	4-Methyl-2-Pentanone	250.000	241.630	3.3	59	0.00
52	CM	Toluene	50.000	49.319	1.4#	66	0.00
53	T	t-1,3-Dichloropropene	50.000	48.267	3.5	64	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.062	3.9	64	0.00
55	T	1,1,2-Trichloroethane	50.000	48.860	2.3	67	0.00
56	T	Ethyl methacrylate	50.000	49.503	1.0	60	0.00
57	T	1,3-Dichloropropane	50.000	47.087	5.8	64	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	288.022	-15.2	63	0.00
59	T	2-Hexanone	250.000	232.278	7.1	56	0.00
60	T	Dibromochloromethane	50.000	49.653	0.7	67	0.00
61	T	1,2-Dibromoethane	50.000	48.462	3.1	65	0.00
62	S	4-Bromofluorobenzene	50.000	48.674	2.7	62	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	61	0.00
64	T	Tetrachloroethene	50.000	48.230	3.5	66	0.00
65	PM	Chlorobenzene	50.000	47.793	4.4	66	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.652	0.7	69	0.00
67	C	Ethyl Benzene	50.000	49.089	1.8#	67	0.00
68	T	m/p-Xylenes	100.000	98.117	1.9	67	0.00
69	T	o-Xylene	50.000	54.831	-9.7	68	0.00
70	T	Styrene	50.000	54.812	-9.6	68	0.00
71	P	Bromoform	50.000	45.245	9.5	63	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	58	0.00
73	T	Isopropylbenzene	50.000	50.230	-0.5	68	0.00
74	T	N-amyl acetate	50.000	47.921	4.2	58	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.396	9.2	63	0.00
76	T	1,2,3-Trichloropropane	50.000	41.438	17.1	55	0.00
77	T	Bromobenzene	50.000	48.061	3.9	67	0.00
78	T	n-propylbenzene	50.000	49.244	1.5	66	0.00
79	T	2-Chlorotoluene	50.000	48.672	2.7	66	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.425	-0.8	68	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.432	7.1	58	0.00
82	T	4-Chlorotoluene	50.000	46.912	6.2	63	0.00
83	T	tert-Butylbenzene	50.000	50.476	-1.0	69	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.359	-0.7	68	0.00
85	T	sec-Butylbenzene	50.000	49.931	0.1	67	0.00
86	T	p-Isopropyltoluene	50.000	48.882	2.2	67	0.00
87	T	1,3-Dichlorobenzene	50.000	47.870	4.3	67	0.00
88	T	1,4-Dichlorobenzene	50.000	47.829	4.3	66	0.00
89	T	n-Butylbenzene	50.000	49.543	0.9	66	0.00
90	T	Hexachloroethane	50.000	48.708	2.6	68	0.00
91	T	1,2-Dichlorobenzene	50.000	47.676	4.6	64	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.926	16.1	58	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.985	8.0	60	0.00
94	T	Hexachlorobutadiene	50.000	43.849	12.3	60	0.00
95	T	Naphthalene	50.000	48.077	3.8	59	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.564	8.9	59	0.00

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