Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
Data File : VY008798.D
Acq On : 18 May 2022 01:43
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 18 08:00:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 2022
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	103	0.00
2	T	Dichlorodifluoromethane	50.000	46.557	6.9	98	0.00
3	P	Chloromethane	50.000	52.349	-4.7	99	0.00
4	C	Vinyl Chloride	50.000	50.648	-1.3#	99	0.00
5	T	Bromomethane	50.000	48.245	3.5	109	0.00
6	T	Chloroethane	50.000	49.417	1.2	100	0.00
7	T	Trichlorofluoromethane	50.000	50.758	-1.5	102	0.00
8	T	Diethyl Ether	50.000	51.238	-2.5	115	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.901	-1.8	103	0.00
10	T	Methyl Iodide	50.000	49.261	1.5	107	0.00
11	T	Tert butyl alcohol	250.000	192.886	22.8	85	0.02
12	CM	1,1-Dichloroethene	50.000	44.738	10.5#	103	0.00
13	T	Acrolein	250.000	125.502	49.8#	80	0.00
14	T	Allyl chloride	50.000	48.334	3.3	110	0.00
15	T	Acrylonitrile	250.000	208.008	16.8	90	0.00
16	T	Acetone	250.000	214.388	14.2	89	0.00
17	T	Carbon Disulfide	50.000	48.673	2.7	103	0.00
18	T	Methyl Acetate	50.000	46.672	6.7	101	0.00
19	T	Methyl tert-butyl Ether	50.000	53.973	-7.9	118	0.00
20	T	Methylene Chloride	50.000	52.999	-6.0	109	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.688	6.6	106	0.00
22	T	Diisopropyl ether	50.000	58.022	-16.0	125	0.00
23	T	Vinyl Acetate	250.000	264.345	-5.7	110	0.00
24	P	1,1-Dichloroethane	50.000	51.241	-2.5	114	0.00
25	T	2-Butanone	250.000	212.018	15.2	91	0.00
26	T	2,2-Dichloropropane	50.000	44.929	10.1	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.762	-3.5	115	0.00
28	T	Bromochloromethane	50.000	54.169	-8.3	114	0.00
29	T	Tetrahydrofuran	250.000	211.993	15.2	90	0.00
30	C	Chloroform	50.000	52.381	-4.8#	114	0.00
31	T	Cyclohexane	50.000	51.163	-2.3	107	0.00
32	T	1,1,1-Trichloroethane	50.000	50.190	-0.4	109	0.00
33	S	1,2-Dichloroethane-d4	50.000	60.872	-21.7	115	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	110	0.00
35	S	Dibromofluoromethane	50.000	54.625	-9.3	115	0.00
36	T	1,1-Dichloropropene	50.000	45.749	8.5	107	0.00
37	T	Ethyl Acetate	50.000	40.681	18.6	97	0.00
38	T	Carbon Tetrachloride	50.000	45.791	8.4	108	0.00
39	T	Methylcyclohexane	50.000	48.168	3.7	111	0.00
40	TM	Benzene	50.000	49.212	1.6	112	0.00
41	T	Methacrylonitrile	50.000	40.683	18.6	95	0.00
42	TM	1,2-Dichloroethane	50.000	51.309	-2.6	119	0.00
43	T	Isopropyl Acetate	50.000	48.152	3.7	108	0.00
44	TM	Trichloroethene	50.000	47.739	4.5	110	0.00
45	C	1,2-Dichloropropane	50.000	52.375	-4.8#	118	0.00
46	T	Dibromomethane	50.000	49.120	1.8	115	0.00
47	T	Bromodichloromethane	50.000	53.191	-6.4	121	0.00
48	T	Methyl methacrylate	50.000	48.530	2.9	108	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	811.340	18.9	89	0.00
50	S	Toluene-d8	50.000	52.664	-5.3	116	0.00
51	T	4-Methyl-2-Pentanone	250.000	231.159	7.5	101	0.00
52	CM	Toluene	50.000	54.127	-8.3#	118	0.00
53	T	t-1,3-Dichloropropene	50.000	53.778	-7.6	117	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.891	-3.8	117	0.00
55	T	1,1,2-Trichloroethane	50.000	53.154	-6.3	117	0.00
56	T	Ethyl methacrylate	50.000	56.180	-12.4	119	0.00
57	T	1,3-Dichloropropane	50.000	52.947	-5.9	118	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.564	-8.6	115	0.00
59	T	2-Hexanone	250.000	228.129	8.7	96	0.00
60	T	Dibromochloromethane	50.000	55.127	-10.3	123	0.00
61	T	1,2-Dibromoethane	50.000	52.619	-5.2	116	0.00
62	S	4-Bromofluorobenzene	50.000	54.932	-9.9	124	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	117	0.00
64	T	Tetrachloroethene	50.000	44.953	10.1	113	0.00
65	PM	Chlorobenzene	50.000	49.293	1.4	120	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.306	-4.6	127	0.00
67	C	Ethyl Benzene	50.000	50.819	-1.6#	120	0.00
68	T	m/p-Xylenes	100.000	106.490	-6.5	121	0.00
69	T	o-Xylene	50.000	54.710	-9.4	124	0.00
70	T	Styrene	50.000	56.980	-14.0	126	0.00
71	P	Bromoform	50.000	50.013	-0.0	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	120	0.00
73	T	Isopropylbenzene	50.000	46.351	7.3	123	0.00
74	T	N-amyl acetate	50.000	44.075	11.8	115	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	41.857	16.3	116	0.00
76	T	1,2,3-Trichloropropane	50.000	47.922	4.2	133	0.00
77	T	Bromobenzene	50.000	44.893	10.2	123	0.00
78	T	n-propylbenzene	50.000	46.240	7.5	120	0.00
79	T	2-Chlorotoluene	50.000	47.687	4.6	124	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.065	-0.1	124	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	38.873	22.3	100	0.00
82	T	4-Chlorotoluene	50.000	49.299	1.4	122	0.00
83	T	tert-Butylbenzene	50.000	48.783	2.4	121	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.359	-2.7	126	0.00
85	T	sec-Butylbenzene	50.000	49.381	1.2	121	0.00
86	T	p-Isopropyltoluene	50.000	51.314	-2.6	122	0.00
87	T	1,3-Dichlorobenzene	50.000	49.282	1.4	124	0.00
88	T	1,4-Dichlorobenzene	50.000	49.316	1.4	122	0.00
89	T	n-Butylbenzene	50.000	47.593	4.8	117	0.00
90	T	Hexachloroethane	50.000	48.383	3.2	124	0.00
91	T	1,2-Dichlorobenzene	50.000	50.199	-0.4	125	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	37.376	25.2#	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.315	7.4	122	0.00
94	T	Hexachlorobutadiene	50.000	44.534	10.9	121	0.00
95	T	Naphthalene	50.000	43.849	12.3	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.512	7.0	123	0.00

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