Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
Data File : VY008452.D
Acq On : 21 Apr 2022 19:45
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 22 05:28:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 14:28:40 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	156	0.00
2	T	Dichlorodifluoromethane	50.000	53.381	-6.8	167	0.00
3	P	Chloromethane	50.000	35.737	28.5#	106	0.00
4	C	Vinyl Chloride	50.000	36.169	27.7#	106	0.00
5	T	Bromomethane	50.000	34.611	30.8#	111	0.00
6	T	Chloroethane	50.000	36.672	26.7#	109	0.00
7	T	Trichlorofluoromethane	50.000	51.672	-3.3	161	0.00
8	T	Diethyl Ether	50.000	50.865	-1.7	152	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.371	-2.7	163	0.00
10	T	Methyl Iodide	50.000	52.829	-5.7	161	0.00
11	T	Tert butyl alcohol	250.000	235.905	5.6	143	0.00
12	CM	1,1-Dichloroethene	50.000	52.105	-4.2#	159	0.00
13	T	Acrolein	250.000	204.785	18.1	125	0.00
14	T	Allyl chloride	50.000	43.641	12.7	132	0.00
15	T	Acrylonitrile	250.000	221.841	11.3	131	0.00
16	T	Acetone	250.000	193.492	22.6	109	0.00
17	T	Carbon Disulfide	50.000	48.127	3.7	144	0.00
18	T	Methyl Acetate	50.000	40.254	19.5	125	0.00
19	T	Methyl tert-butyl Ether	50.000	47.385	5.2	139	0.00
20	T	Methylene Chloride	50.000	50.176	-0.4	144	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.364	3.3	146	0.00
22	T	Diisopropyl ether	50.000	41.903	16.2	124	0.00
23	T	Vinyl Acetate	250.000	212.168	15.1	121	0.00
24	P	1,1-Dichloroethane	50.000	45.316	9.4	135	0.00
25	T	2-Butanone	250.000	210.655	15.7	121	0.00
26	T	2,2-Dichloropropane	50.000	44.963	10.1	135	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.721	0.6	147	0.00
28	T	Bromochloromethane	50.000	42.552	14.9	120	0.00
29	T	Tetrahydrofuran	250.000	217.861	12.9	128	0.00
30	C	Chloroform	50.000	47.354	5.3#	140	0.00
31	T	Cyclohexane	50.000	42.199	15.6	136	0.00
32	T	1,1,1-Trichloroethane	50.000	47.261	5.5	142	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.036	5.9	128	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	151	0.00
35	S	Dibromofluoromethane	50.000	51.993	-4.0	137	0.00
36	T	1,1-Dichloropropene	50.000	46.484	7.0	140	0.00
37	T	Ethyl Acetate	50.000	43.964	12.1	132	0.00
38	T	Carbon Tetrachloride	50.000	48.599	2.8	145	0.00
39	T	Methylcyclohexane	50.000	47.257	5.5	141	0.00
40	TM	Benzene	50.000	47.431	5.1	139	0.00
41	T	Methacrylonitrile	50.000	52.037	-4.1	174	0.02
42	TM	1,2-Dichloroethane	50.000	45.114	9.8	129	0.00
43	T	Isopropyl Acetate	50.000	44.174	11.7	125	0.00
44	TM	Trichloroethene	50.000	49.183	1.6	148	0.00
45	C	1,2-Dichloropropane	50.000	47.127	5.7#	134	0.00
46	T	Dibromomethane	50.000	47.465	5.1	134	0.00
47	T	Bromodichloromethane	50.000	47.565	4.9	135	0.00
48	T	Methyl methacrylate	50.000	44.550	10.9	126	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1014.143	-1.4	143	0.00
50	S	Toluene-d8	50.000	45.248	9.5	129	0.00
51	T	4-Methyl-2-Pentanone	250.000	222.645	10.9	127	0.00
52	CM	Toluene	50.000	47.780	4.4#	140	0.00
53	T	t-1,3-Dichloropropene	50.000	46.874	6.3	131	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.693	6.6	134	0.00
55	T	1,1,2-Trichloroethane	50.000	48.547	2.9	138	0.00
56	T	Ethyl methacrylate	50.000	48.763	2.5	135	0.00
57	T	1,3-Dichloropropane	50.000	46.740	6.5	132	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	231.891	7.2	127	0.00
59	T	2-Hexanone	250.000	224.055	10.4	123	0.00
60	T	Dibromochloromethane	50.000	50.682	-1.4	141	0.00
61	T	1,2-Dibromoethane	50.000	49.963	0.1	142	0.00
62	S	4-Bromofluorobenzene	50.000	48.785	2.4	133	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	145	0.00
64	T	Tetrachloroethene	50.000	48.757	2.5	148	0.00
65	PM	Chlorobenzene	50.000	49.088	1.8	142	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.659	-1.3	145	0.00
67	C	Ethyl Benzene	50.000	47.619	4.8#	139	0.00
68	T	m/p-Xylenes	100.000	96.669	3.3	141	0.00
69	T	o-Xylene	50.000	49.125	1.8	142	0.00
70	T	Styrene	50.000	48.712	2.6	137	0.00
71	P	Bromoform	50.000	53.126	-6.3	149	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	153	0.00
73	T	Isopropylbenzene	50.000	47.446	5.1	146	0.00
74	T	N-amyl acetate	50.000	43.752	12.5	124	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.359	7.3	134	0.00
76	T	1,2,3-Trichloropropane	50.000	36.159	27.7#	108	0.00
77	T	Bromobenzene	50.000	49.178	1.6	147	0.00
78	T	n-propylbenzene	50.000	45.864	8.3	139	0.00
79	T	2-Chlorotoluene	50.000	45.742	8.5	139	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.343	1.3	152	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.261	7.5	131	0.00
82	T	4-Chlorotoluene	50.000	45.430	9.1	136	0.00
83	T	tert-Butylbenzene	50.000	48.562	2.9	149	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.069	-2.1	156	0.00
85	T	sec-Butylbenzene	50.000	46.792	6.4	143	0.00
86	T	p-Isopropyltoluene	50.000	47.382	5.2	146	0.00
87	T	1,3-Dichlorobenzene	50.000	47.456	5.1	145	0.00
88	T	1,4-Dichlorobenzene	50.000	48.105	3.8	149	0.00
89	T	n-Butylbenzene	50.000	45.729	8.5	137	0.00
90	T	Hexachloroethane	50.000	49.652	0.7	147	0.00
91	T	1,2-Dichlorobenzene	50.000	48.193	3.6	147	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.544	6.9	137	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.012	6.0	141	0.00
94	T	Hexachlorobutadiene	50.000	46.419	7.2	144	0.00
95	T	Naphthalene	50.000	49.053	1.9	143	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.287	7.4	138	0.00

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