Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011723\
Data File : VY012232.D
Acq On : 17 Jan 2023 18:46
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: Jan 18 00:34:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
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	130	0.00
2	T	Dichlorodifluoromethane	50.000	40.140	19.7	123	0.00
3	P	Chloromethane	50.000	50.864	-1.7	145	0.00
4	C	Vinyl Chloride	50.000	48.116	3.8#	136	0.00
5	T	Bromomethane	50.000	46.132	7.7	131	0.00
6	T	Chloroethane	50.000	48.040	3.9	134	0.00
7	T	Trichlorofluoromethane	50.000	42.285	15.4	120	0.00
8	T	Diethyl Ether	50.000	53.300	-6.6	146	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.002	6.0	134	0.00
10	T	Methyl Iodide	50.000	46.052	7.9	119	0.00
11	T	Tert butyl alcohol	250.000	304.085	-21.6	167	0.00
12	CM	1,1-Dichloroethene	50.000	49.084	1.8#	134	0.00
13	T	Acrolein	250.000	230.345	7.9	137	0.00
14	T	Allyl chloride	50.000	58.162	-16.3	158	0.00
15	T	Acrylonitrile	250.000	300.883	-20.4	160	0.00
16	T	Acetone	250.000	273.116	-9.2	128	0.00
17	T	Carbon Disulfide	50.000	49.449	1.1	136	0.00
18	T	Methyl Acetate	50.000	65.941	-31.9#	178	0.00
19	T	Methyl tert-butyl Ether	50.000	53.787	-7.6	140	0.00
20	T	Methylene Chloride	50.000	53.253	-6.5	140	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.890	-1.8	137	0.00
22	T	Diisopropyl ether	50.000	59.728	-19.5	160	0.00
23	T	Vinyl Acetate	250.000	298.570	-19.4	156	0.00
24	P	1,1-Dichloroethane	50.000	54.995	-10.0	148	0.00
25	T	2-Butanone	250.000	307.856	-23.1	157	0.00
26	T	2,2-Dichloropropane	50.000	46.456	7.1	127	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.801	-5.6	141	0.00
28	T	Bromochloromethane	50.000	55.075	-10.2	154	0.00
29	T	Tetrahydrofuran	250.000	330.115	-32.0#	170	0.00
30	C	Chloroform	50.000	50.859	-1.7#	136	0.00
31	T	Cyclohexane	50.000	48.082	3.8	144	0.00
32	T	1,1,1-Trichloroethane	50.000	46.090	7.8	124	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.175	1.7	130	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	135	0.00
35	S	Dibromofluoromethane	50.000	47.428	5.1	141	0.00
36	T	1,1-Dichloropropene	50.000	47.199	5.6	135	0.00
37	T	Ethyl Acetate	50.000	58.915	-17.8	161	0.00
38	T	Carbon Tetrachloride	50.000	42.245	15.5	120	0.00
39	T	Methylcyclohexane	50.000	46.514	7.0	134	0.00
40	TM	Benzene	50.000	49.640	0.7	141	0.00
41	T	Methacrylonitrile	50.000	65.655	-31.3#	172	0.00
42	TM	1,2-Dichloroethane	50.000	47.789	4.4	131	0.00
43	T	Isopropyl Acetate	50.000	58.988	-18.0	159	0.00
44	TM	Trichloroethene	50.000	48.281	3.4	136	0.00
45	C	1,2-Dichloropropane	50.000	55.497	-11.0#	156	0.00
46	T	Dibromomethane	50.000	52.162	-4.3	143	0.00
47	T	Bromodichloromethane	50.000	50.628	-1.3	140	0.00
48	T	Methyl methacrylate	50.000	58.907	-17.8	154	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1159.584	-16.0	150	0.00
50	S	Toluene-d8	50.000	48.633	2.7	136	0.00
51	T	4-Methyl-2-Pentanone	250.000	304.063	-21.6	163	0.00
52	CM	Toluene	50.000	48.321	3.4#	134	0.00
53	T	t-1,3-Dichloropropene	50.000	50.869	-1.7	138	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.845	-3.7	142	0.00
55	T	1,1,2-Trichloroethane	50.000	53.042	-6.1	145	0.00
56	T	Ethyl methacrylate	50.000	56.395	-12.8	149	0.00
57	T	1,3-Dichloropropane	50.000	53.628	-7.3	147	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.668	-7.5	150	0.00
59	T	2-Hexanone	250.000	290.841	-16.3	149	0.00
60	T	Dibromochloromethane	50.000	50.461	-0.9	136	0.00
61	T	1,2-Dibromoethane	50.000	52.583	-5.2	143	0.00
62	S	4-Bromofluorobenzene	50.000	44.976	10.0	136	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	134	0.00
64	T	Tetrachloroethene	50.000	49.597	0.8	135	0.00
65	PM	Chlorobenzene	50.000	48.457	3.1	134	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.166	1.7	132	0.00
67	C	Ethyl Benzene	50.000	47.986	4.0#	132	0.00
68	T	m/p-Xylenes	100.000	94.992	5.0	130	0.00
69	T	o-Xylene	50.000	47.923	4.2	131	0.00
70	T	Styrene	50.000	48.637	2.7	131	0.00
71	P	Bromoform	50.000	51.223	-2.4	136	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	127	0.00
73	T	Isopropylbenzene	50.000	48.724	2.6	127	0.00
74	T	N-amyl acetate	50.000	58.632	-17.3	147	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.979	-14.0	146	0.00
76	T	1,2,3-Trichloropropane	50.000	59.697	-19.4	138	0.00
77	T	Bromobenzene	50.000	50.482	-1.0	130	0.00
78	T	n-propylbenzene	50.000	48.578	2.8	129	0.00
79	T	2-Chlorotoluene	50.000	49.737	0.5	131	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.972	4.1	127	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.415	-10.8	139	0.00
82	T	4-Chlorotoluene	50.000	48.625	2.8	129	0.00
83	T	tert-Butylbenzene	50.000	46.654	6.7	126	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.633	4.7	124	0.00
85	T	sec-Butylbenzene	50.000	46.635	6.7	124	0.00
86	T	p-Isopropyltoluene	50.000	46.340	7.3	123	0.00
87	T	1,3-Dichlorobenzene	50.000	47.316	5.4	124	0.00
88	T	1,4-Dichlorobenzene	50.000	46.840	6.3	125	0.00
89	T	n-Butylbenzene	50.000	46.367	7.3	124	0.00
90	T	Hexachloroethane	50.000	47.126	5.7	127	0.00
91	T	1,2-Dichlorobenzene	50.000	47.567	4.9	125	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.554	-5.1	134	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.698	10.6	120	0.00
94	T	Hexachlorobutadiene	50.000	42.071	15.9	116	0.00
95	T	Naphthalene	50.000	49.102	1.8	126	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.089	9.8	122	0.00

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