Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092923\
Data File : VY015756.D
Acq On : 29 Sep 2023 14:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Sep 30 01:12:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 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	109	0.01
2	T	Dichlorodifluoromethane	50.000	42.565	14.9	85	0.01
3	P	Chloromethane	50.000	45.021	10.0	90	0.00
4	C	Vinyl Chloride	50.000	47.059	5.9#	94	0.01
5	T	Bromomethane	50.000	40.811	18.4	90	0.02
6	T	Chloroethane	50.000	44.991	10.0	91	0.01
7	T	Trichlorofluoromethane	50.000	55.399	-10.8	116	0.01
8	T	Diethyl Ether	50.000	49.111	1.8	101	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.237	9.5	94	0.00
10	T	Methyl Iodide	50.000	45.075	9.8	94	0.00
11	T	Tert butyl alcohol	250.000	330.846	-32.3#	153	0.09
12	CM	1,1-Dichloroethene	50.000	45.570	8.9#	95	0.00
13	T	Acrolein	250.000	238.572	4.6	103	0.02
14	T	Allyl chloride	50.000	48.526	2.9	99	0.01
15	T	Acrylonitrile	250.000	291.577	-16.6	126	0.02
16	T	Acetone	250.000	288.273	-15.3	130	0.04
17	T	Carbon Disulfide	50.000	42.920	14.2	84	0.00
18	T	Methyl Acetate	50.000	61.015	-22.0	130	0.02
19	T	Methyl tert-butyl Ether	50.000	51.871	-3.7	107	0.02
20	T	Methylene Chloride	50.000	49.014	2.0	105	0.02
21	T	trans-1,2-Dichloroethene	50.000	47.299	5.4	95	0.01
22	T	Diisopropyl ether	50.000	49.172	1.7	100	0.02
23	T	Vinyl Acetate	250.000	256.789	-2.7	106	0.02
24	P	1,1-Dichloroethane	50.000	47.540	4.9	98	0.02
25	T	2-Butanone	250.000	286.735	-14.7	131	0.03
26	T	2,2-Dichloropropane	50.000	44.315	11.4	99	0.02
27	T	cis-1,2-Dichloroethene	50.000	47.917	4.2	98	0.01
28	T	Bromochloromethane	50.000	40.841	18.3	87	0.02
29	T	Tetrahydrofuran	250.000	311.649	-24.7	135	0.02
30	C	Chloroform	50.000	47.945	4.1#	101	0.02
31	T	Cyclohexane	50.000	41.748	16.5	89	0.00
32	T	1,1,1-Trichloroethane	50.000	47.654	4.7	99	0.02
33	S	1,2-Dichloroethane-d4	50.000	42.970	14.1	102	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	109	0.01
35	S	Dibromofluoromethane	50.000	41.747	16.5	97	0.01
36	T	1,1-Dichloropropene	50.000	45.456	9.1	96	0.01
37	T	Ethyl Acetate	50.000	60.538	-21.1	133	0.02
38	T	Carbon Tetrachloride	50.000	46.532	6.9	97	0.01
39	T	Methylcyclohexane	50.000	43.687	12.6	90	0.01
40	TM	Benzene	50.000	47.003	6.0	97	0.02
41	T	Methacrylonitrile	50.000	55.145	-10.3	135	0.00
42	TM	1,2-Dichloroethane	50.000	48.937	2.1	103	0.01
43	T	Isopropyl Acetate	50.000	55.287	-10.6	119	0.02
44	TM	Trichloroethene	50.000	48.158	3.7	101	0.01
45	C	1,2-Dichloropropane	50.000	48.027	3.9#	99	0.00
46	T	Dibromomethane	50.000	50.377	-0.8	105	0.02
47	T	Bromodichloromethane	50.000	48.939	2.1	102	0.01
48	T	Methyl methacrylate	50.000	54.800	-9.6	116	0.01

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1503.334	-50.3#	168	0.05
50	S	Toluene-d8	50.000	42.946	14.1	105	0.00
51	T	4-Methyl-2-Pentanone	250.000	296.715	-18.7	128	0.01
52	CM	Toluene	50.000	46.826	6.3#	96	0.01
53	T	t-1,3-Dichloropropene	50.000	49.987	0.0	103	0.01
54	T	cis-1,3-Dichloropropene	50.000	48.780	2.4	102	0.01
55	T	1,1,2-Trichloroethane	50.000	50.877	-1.8	108	0.00
56	T	Ethyl methacrylate	50.000	53.781	-7.6	110	0.00
57	T	1,3-Dichloropropane	50.000	50.238	-0.5	106	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	175.967	29.6#	80	0.01
59	T	2-Hexanone	250.000	306.115	-22.4	134	0.00
60	T	Dibromochloromethane	50.000	50.946	-1.9	107	0.00
61	T	1,2-Dibromoethane	50.000	51.171	-2.3	110	0.00
62	S	4-Bromofluorobenzene	50.000	41.424	17.2	98	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	49.341	1.3	104	0.01
65	PM	Chlorobenzene	50.000	47.229	5.5	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.477	1.0	104	0.00
67	C	Ethyl Benzene	50.000	47.184	5.6#	98	0.01
68	T	m/p-Xylenes	100.000	94.222	5.8	98	0.00
69	T	o-Xylene	50.000	47.884	4.2	99	0.00
70	T	Styrene	50.000	49.235	1.5	101	0.00
71	P	Bromoform	50.000	54.684	-9.4	115	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	110	0.00
73	T	Isopropylbenzene	50.000	47.013	6.0	100	0.01
74	T	N-amyl acetate	50.000	53.979	-8.0	114	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.436	-4.9	116	0.00
76	T	1,2,3-Trichloropropane	50.000	53.365	-6.7	113	0.00
77	T	Bromobenzene	50.000	47.728	4.5	103	0.00
78	T	n-propylbenzene	50.000	46.937	6.1	99	0.01
79	T	2-Chlorotoluene	50.000	47.476	5.0	100	0.01
80	T	1,3,5-Trimethylbenzene	50.000	47.707	4.6	101	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	55.257	-10.5	118	0.00
82	T	4-Chlorotoluene	50.000	47.382	5.2	100	0.01
83	T	tert-Butylbenzene	50.000	47.551	4.9	100	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.908	4.2	100	0.00
85	T	sec-Butylbenzene	50.000	47.230	5.5	99	0.00
86	T	p-Isopropyltoluene	50.000	47.898	4.2	100	0.00
87	T	1,3-Dichlorobenzene	50.000	47.719	4.6	101	0.01
88	T	1,4-Dichlorobenzene	50.000	47.886	4.2	102	0.00
89	T	n-Butylbenzene	50.000	47.844	4.3	100	0.00
90	T	Hexachloroethane	50.000	49.007	2.0	104	0.00
91	T	1,2-Dichlorobenzene	50.000	48.277	3.4	103	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.999	-20.0	136	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.210	-0.4	106	0.00
94	T	Hexachlorobutadiene	50.000	47.589	4.8	99	0.00
95	T	Naphthalene	50.000	57.077	-14.2	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.479	-3.0	108	0.00

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