Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016120.D
Acq On : 27 Oct 2023 21:37
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 30 09:19:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 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	119	0.00
2	T	Dichlorodifluoromethane	50.000	47.467	5.1	111	0.00
3	P	Chloromethane	50.000	44.114	11.8	103	0.00
4	C	Vinyl Chloride	50.000	43.779	12.4#	102	0.00
5	T	Bromomethane	50.000	46.454	7.1	111	0.00
6	T	Chloroethane	50.000	45.290	9.4	105	0.00
7	T	Trichlorofluoromethane	50.000	47.685	4.6	114	0.00
8	T	Diethyl Ether	50.000	51.882	-3.8	121	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.834	6.3	113	0.00
10	T	Methyl Iodide	50.000	50.510	-1.0	114	0.00
11	T	Tert butyl alcohol	250.000	226.342	9.5	126	0.01
12	CM	1,1-Dichloroethene	50.000	47.877	4.2#	112	0.00
13	T	Acrolein	250.000	201.819	19.3	102	0.00
14	T	Allyl chloride	50.000	46.435	7.1	108	0.00
15	T	Acrylonitrile	250.000	266.865	-6.7	124	0.01
16	T	Acetone	250.000	180.840	27.7#	87	0.00
17	T	Carbon Disulfide	50.000	46.702	6.6	111	0.00
18	T	Methyl Acetate	50.000	54.983	-10.0	127	0.00
19	T	Methyl tert-butyl Ether	50.000	54.689	-9.4	126	0.00
20	T	Methylene Chloride	50.000	55.999	-12.0	127	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.124	1.8	115	0.00
22	T	Diisopropyl ether	50.000	49.666	0.7	113	0.00
23	T	Vinyl Acetate	250.000	253.705	-1.5	116	0.01
24	P	1,1-Dichloroethane	50.000	49.602	0.8	116	0.00
25	T	2-Butanone	250.000	238.344	4.7	114	0.00
26	T	2,2-Dichloropropane	50.000	45.782	8.4	110	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.335	-0.7	119	0.00
28	T	Bromochloromethane	50.000	47.497	5.0	109	0.01
29	T	Tetrahydrofuran	250.000	271.160	-8.5	124	0.01
30	C	Chloroform	50.000	50.616	-1.2#	119	0.00
31	T	Cyclohexane	50.000	44.204	11.6	109	0.00
32	T	1,1,1-Trichloroethane	50.000	49.203	1.6	117	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.462	-4.9	124	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	124	0.00
35	S	Dibromofluoromethane	50.000	49.190	1.6	119	0.01
36	T	1,1-Dichloropropene	50.000	45.270	9.5	111	0.00
37	T	Ethyl Acetate	50.000	51.824	-3.6	124	0.00
38	T	Carbon Tetrachloride	50.000	47.256	5.5	115	0.00
39	T	Methylcyclohexane	50.000	46.670	6.7	113	0.00
40	TM	Benzene	50.000	49.423	1.2	119	0.00
41	T	Methacrylonitrile	50.000	50.499	-1.0	121	0.00
42	TM	1,2-Dichloroethane	50.000	50.815	-1.6	122	0.01
43	T	Isopropyl Acetate	50.000	53.172	-6.3	127	0.00
44	TM	Trichloroethene	50.000	48.645	2.7	118	0.00
45	C	1,2-Dichloropropane	50.000	48.346	3.3#	115	0.00
46	T	Dibromomethane	50.000	50.525	-1.0	122	0.00
47	T	Bromodichloromethane	50.000	50.205	-0.4	120	0.00
48	T	Methyl methacrylate	50.000	51.893	-3.8	121	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1125.207	-12.5	135	0.00
50	S	Toluene-d8	50.000	48.645	2.7	117	0.00
51	T	4-Methyl-2-Pentanone	250.000	267.713	-7.1	125	0.00
52	CM	Toluene	50.000	51.256	-2.5#	122	0.00
53	T	t-1,3-Dichloropropene	50.000	50.377	-0.8	120	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.600	0.8	117	0.00
55	T	1,1,2-Trichloroethane	50.000	49.603	0.8	120	0.00
56	T	Ethyl methacrylate	50.000	54.823	-9.6	127	0.00
57	T	1,3-Dichloropropane	50.000	50.339	-0.7	120	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.426	-4.6	125	0.00
59	T	2-Hexanone	250.000	257.534	-3.0	122	0.00
60	T	Dibromochloromethane	50.000	51.271	-2.5	123	0.00
61	T	1,2-Dibromoethane	50.000	51.705	-3.4	123	0.00
62	S	4-Bromofluorobenzene	50.000	52.307	-4.6	126	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	124	0.00
64	T	Tetrachloroethene	50.000	53.215	-6.4	131	0.00
65	PM	Chlorobenzene	50.000	48.019	4.0	116	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.856	0.3	118	0.00
67	C	Ethyl Benzene	50.000	48.555	2.9#	116	0.00
68	T	m/p-Xylenes	100.000	99.671	0.3	119	0.00
69	T	o-Xylene	50.000	51.007	-2.0	121	0.00
70	T	Styrene	50.000	51.409	-2.8	121	0.00
71	P	Bromoform	50.000	52.841	-5.7	126	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	123	0.00
73	T	Isopropylbenzene	50.000	47.398	5.2	115	0.00
74	T	N-amyl acetate	50.000	56.325	-12.7	132	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.158	-0.3	122	0.00
76	T	1,2,3-Trichloropropane	50.000	48.389	3.2	122	0.00
77	T	Bromobenzene	50.000	50.002	-0.0	122	0.00
78	T	n-propylbenzene	50.000	46.716	6.6	114	0.00
79	T	2-Chlorotoluene	50.000	48.036	3.9	118	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.041	1.9	119	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.732	-1.5	123	0.00
82	T	4-Chlorotoluene	50.000	47.595	4.8	116	0.00
83	T	tert-Butylbenzene	50.000	48.883	2.2	117	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.160	-2.3	124	0.00
85	T	sec-Butylbenzene	50.000	47.322	5.4	115	0.00
86	T	p-Isopropyltoluene	50.000	47.902	4.2	115	0.00
87	T	1,3-Dichlorobenzene	50.000	48.092	3.8	118	0.00
88	T	1,4-Dichlorobenzene	50.000	48.391	3.2	119	0.00
89	T	n-Butylbenzene	50.000	47.713	4.6	116	0.00
90	T	Hexachloroethane	50.000	46.779	6.4	114	0.00
91	T	1,2-Dichlorobenzene	50.000	49.406	1.2	120	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.136	-10.3	136	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.566	-1.1	122	0.00
94	T	Hexachlorobutadiene	50.000	48.159	3.7	118	0.00
95	T	Naphthalene	50.000	145.488	-191.0#	343	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.209	-4.4	125	0.00

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