Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016736.D
Acq On : 21 Dec 2023 03:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Dec 21 04:02:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 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	91	0.02
2	T	Dichlorodifluoromethane	50.000	40.106	19.8	89	0.00
3	P	Chloromethane	50.000	45.834	8.3	101	0.01
4	C	Vinyl Chloride	50.000	45.683	8.6#	95	0.01
5	T	Bromomethane	50.000	47.157	5.7	105	0.01
6	T	Chloroethane	50.000	47.142	5.7	101	0.01
7	T	Trichlorofluoromethane	50.000	43.433	13.1	91	0.02
8	T	Diethyl Ether	50.000	52.177	-4.4	106	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	43.701	12.6	91	0.02
10	T	Methyl Iodide	50.000	50.781	-1.6	100	0.02
11	T	Tert butyl alcohol	250.000	239.404	4.2	100	0.03
12	CM	1,1-Dichloroethene	50.000	47.121	5.8#	96	0.02
13	T	Acrolein	250.000	252.433	-1.0	88	0.02
14	T	Allyl chloride	50.000	50.695	-1.4	102	0.02
15	T	Acrylonitrile	250.000	273.080	-9.2	104	0.03
16	T	Acetone	250.000	205.454	17.8	94	0.02
17	T	Carbon Disulfide	50.000	49.175	1.7	97	0.02
18	T	Methyl Acetate	50.000	61.601	-23.2	108	0.02
19	T	Methyl tert-butyl Ether	50.000	52.891	-5.8	106	0.02
20	T	Methylene Chloride	50.000	49.510	1.0	106	0.02
21	T	trans-1,2-Dichloroethene	50.000	50.159	-0.3	101	0.02
22	T	Diisopropyl ether	50.000	52.251	-4.5	104	0.02
23	T	Vinyl Acetate	250.000	254.203	-1.7	102	0.02
24	P	1,1-Dichloroethane	50.000	50.379	-0.8	102	0.02
25	T	2-Butanone	250.000	236.476	5.4	101	0.02
26	T	2,2-Dichloropropane	50.000	44.960	10.1	94	0.02
27	T	cis-1,2-Dichloroethene	50.000	50.697	-1.4	102	0.02
28	T	Bromochloromethane	50.000	56.185	-12.4	93	0.02
29	T	Tetrahydrofuran	250.000	281.588	-12.6	105	0.02
30	C	Chloroform	50.000	50.016	-0.0#	103	0.02
31	T	Cyclohexane	50.000	43.456	13.1	92	0.02
32	T	1,1,1-Trichloroethane	50.000	47.472	5.1	98	0.02
33	S	1,2-Dichloroethane-d4	50.000	54.160	-8.3	86	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.01
35	S	Dibromofluoromethane	50.000	49.844	0.3	85	0.02
36	T	1,1-Dichloropropene	50.000	44.499	11.0	97	0.02
37	T	Ethyl Acetate	50.000	51.525	-3.0	105	0.02
38	T	Carbon Tetrachloride	50.000	43.288	13.4	95	0.02
39	T	Methylcyclohexane	50.000	44.420	11.2	94	0.02
40	TM	Benzene	50.000	47.454	5.1	102	0.02
41	T	Methacrylonitrile	50.000	56.501	-13.0	105	0.02
42	TM	1,2-Dichloroethane	50.000	49.143	1.7	104	0.01
43	T	Isopropyl Acetate	50.000	51.119	-2.2	107	0.01
44	TM	Trichloroethene	50.000	46.213	7.6	101	0.02
45	C	1,2-Dichloropropane	50.000	48.019	4.0#	104	0.01
46	T	Dibromomethane	50.000	49.323	1.4	106	0.02
47	T	Bromodichloromethane	50.000	47.343	5.3	103	0.01
48	T	Methyl methacrylate	50.000	51.351	-2.7	105	0.02

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1045.496	-4.5	108	0.01
50	S	Toluene-d8	50.000	49.246	1.5	83	0.01
51	T	4-Methyl-2-Pentanone	250.000	261.894	-4.8	107	0.01
52	CM	Toluene	50.000	47.869	4.3#	101	0.01
53	T	t-1,3-Dichloropropene	50.000	49.192	1.6	103	0.01
54	T	cis-1,3-Dichloropropene	50.000	48.269	3.5	102	0.01
55	T	1,1,2-Trichloroethane	50.000	48.407	3.2	104	0.01
56	T	Ethyl methacrylate	50.000	53.022	-6.0	107	0.01
57	T	1,3-Dichloropropane	50.000	49.502	1.0	105	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	263.517	-5.4	76	0.02
59	T	2-Hexanone	250.000	238.071	4.8	103	0.00
60	T	Dibromochloromethane	50.000	48.899	2.2	105	0.01
61	T	1,2-Dibromoethane	50.000	50.228	-0.5	106	0.01
62	S	4-Bromofluorobenzene	50.000	49.375	1.3	84	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.01
64	T	Tetrachloroethene	50.000	48.160	3.7	106	0.02
65	PM	Chlorobenzene	50.000	46.814	6.4	102	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	47.156	5.7	103	0.01
67	C	Ethyl Benzene	50.000	46.670	6.7#	101	0.01
68	T	m/p-Xylenes	100.000	94.517	5.5	101	0.01
69	T	o-Xylene	50.000	48.363	3.3	102	0.01
70	T	Styrene	50.000	48.136	3.7	101	0.01
71	P	Bromoform	50.000	48.820	2.4	104	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.01
73	T	Isopropylbenzene	50.000	47.778	4.4	100	0.01
74	T	N-amyl acetate	50.000	51.625	-3.3	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.483	-1.0	108	0.00
76	T	1,2,3-Trichloropropane	50.000	48.993	2.0	117	0.01
77	T	Bromobenzene	50.000	48.351	3.3	103	0.01
78	T	n-propylbenzene	50.000	47.201	5.6	99	0.01
79	T	2-Chlorotoluene	50.000	47.453	5.1	100	0.01
80	T	1,3,5-Trimethylbenzene	50.000	48.139	3.7	100	0.01
81	T	trans-1,4-Dichloro-2-butene	50.000	47.171	5.7	100	0.01
82	T	4-Chlorotoluene	50.000	48.244	3.5	102	0.01
83	T	tert-Butylbenzene	50.000	48.091	3.8	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.711	2.6	100	0.01
85	T	sec-Butylbenzene	50.000	46.893	6.2	98	0.00
86	T	p-Isopropyltoluene	50.000	47.167	5.7	98	0.00
87	T	1,3-Dichlorobenzene	50.000	46.460	7.1	101	0.01
88	T	1,4-Dichlorobenzene	50.000	46.729	6.5	100	0.01
89	T	n-Butylbenzene	50.000	46.304	7.4	95	0.01
90	T	Hexachloroethane	50.000	46.678	6.6	102	0.00
91	T	1,2-Dichlorobenzene	50.000	48.061	3.9	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.672	2.7	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.653	4.7	98	0.00
94	T	Hexachlorobutadiene	50.000	44.363	11.3	93	0.00
95	T	Naphthalene	50.000	45.939	8.1	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.037	1.9	99	0.01

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