Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
Data File : VY008806.D
Acq On : 18 May 2022 11:11
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 19 03:08:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 07:32:50 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	116	0.00
2	T	Dichlorodifluoromethane	50.000	50.476	-1.0	119	0.00
3	P	Chloromethane	50.000	54.399	-8.8	115	0.00
4	C	Vinyl Chloride	50.000	53.376	-6.8#	117	0.00
5	T	Bromomethane	50.000	53.350	-6.7	135	0.00
6	T	Chloroethane	50.000	52.034	-4.1	118	0.00
7	T	Trichlorofluoromethane	50.000	53.971	-7.9	121	0.00
8	T	Diethyl Ether	50.000	52.468	-4.9	133	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.038	-10.1	124	0.00
10	T	Methyl Iodide	50.000	51.629	-3.3	127	0.00
11	T	Tert butyl alcohol	250.000	204.807	18.1	102	0.01
12	CM	1,1-Dichloroethene	50.000	47.075	5.8#	122	0.00
13	T	Acrolein	250.000	151.849	39.3#	110	0.00
14	T	Allyl chloride	50.000	50.256	-0.5	129	0.00
15	T	Acrylonitrile	250.000	218.101	12.8	107	0.00
16	T	Acetone	250.000	227.240	9.1	105	0.00
17	T	Carbon Disulfide	50.000	50.942	-1.9	121	0.00
18	T	Methyl Acetate	50.000	44.112	11.8	109	0.00
19	T	Methyl tert-butyl Ether	50.000	56.497	-13.0	139	0.00
20	T	Methylene Chloride	50.000	52.274	-4.5	122	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.933	2.1	125	0.00
22	T	Diisopropyl ether	50.000	59.965	-19.9	146	0.00
23	T	Vinyl Acetate	250.000	281.806	-12.7	132	0.00
24	P	1,1-Dichloroethane	50.000	52.680	-5.4	133	0.00
25	T	2-Butanone	250.000	225.053	10.0	109	0.00
26	T	2,2-Dichloropropane	50.000	53.760	-7.5	134	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.429	-4.9	131	0.00
28	T	Bromochloromethane	50.000	50.153	-0.3	119	0.00
29	T	Tetrahydrofuran	250.000	228.215	8.7	109	0.00
30	C	Chloroform	50.000	54.159	-8.3#	133	0.00
31	T	Cyclohexane	50.000	56.357	-12.7	133	0.00
32	T	1,1,1-Trichloroethane	50.000	53.166	-6.3	131	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.127	-12.3	120	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	119	0.00
35	S	Dibromofluoromethane	50.000	52.731	-5.5	121	0.00
36	T	1,1-Dichloropropene	50.000	50.183	-0.4	128	0.00
37	T	Ethyl Acetate	50.000	44.739	10.5	115	0.00
38	T	Carbon Tetrachloride	50.000	50.816	-1.6	130	0.00
39	T	Methylcyclohexane	50.000	54.120	-8.2	135	0.00
40	TM	Benzene	50.000	52.534	-5.1	130	0.00
41	T	Methacrylonitrile	50.000	53.678	-7.4	136	0.00
42	TM	1,2-Dichloroethane	50.000	53.923	-7.8	135	0.00
43	T	Isopropyl Acetate	50.000	53.778	-7.6	131	0.00
44	TM	Trichloroethene	50.000	52.661	-5.3	131	0.00
45	C	1,2-Dichloropropane	50.000	57.102	-14.2#	140	0.00
46	T	Dibromomethane	50.000	52.819	-5.6	134	0.00
47	T	Bromodichloromethane	50.000	56.181	-12.4	139	0.00
48	T	Methyl methacrylate	50.000	56.025	-12.0	135	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	944.624	5.5	113	0.00
50	S	Toluene-d8	50.000	51.310	-2.6	123	0.00
51	T	4-Methyl-2-Pentanone	250.000	258.405	-3.4	123	0.00
52	CM	Toluene	50.000	58.754	-17.5#	139	0.00
53	T	t-1,3-Dichloropropene	50.000	59.984	-20.0	142	0.00
54	T	cis-1,3-Dichloropropene	50.000	57.390	-14.8	141	0.00
55	T	1,1,2-Trichloroethane	50.000	58.039	-16.1	139	0.00
56	T	Ethyl methacrylate	50.000	62.835	-25.7#	144	0.00
57	T	1,3-Dichloropropane	50.000	56.371	-12.7	137	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.123	-10.0	126	0.00
59	T	2-Hexanone	250.000	257.415	-3.0	117	0.00
60	T	Dibromochloromethane	50.000	59.316	-18.6	144	0.00
61	T	1,2-Dibromoethane	50.000	56.144	-12.3	135	0.00
62	S	4-Bromofluorobenzene	50.000	54.641	-9.3	134	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	125	0.00
64	T	Tetrachloroethene	50.000	50.181	-0.4	135	0.00
65	PM	Chlorobenzene	50.000	53.768	-7.5	139	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.941	-15.9	149	0.00
67	C	Ethyl Benzene	50.000	56.572	-13.1#	142	0.00
68	T	m/p-Xylenes	100.000	120.336	-20.3	145	0.00
69	T	o-Xylene	50.000	59.810	-19.6	144	0.00
70	T	Styrene	50.000	63.327	-26.7#	148	0.00
71	P	Bromoform	50.000	56.059	-12.1	141	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	131	0.00
73	T	Isopropylbenzene	50.000	50.720	-1.4	147	0.00
74	T	N-amyl acetate	50.000	50.543	-1.1	143	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.246	9.5	137	0.00
76	T	1,2,3-Trichloropropane	50.000	52.873	-5.7	160	0.00
77	T	Bromobenzene	50.000	49.150	1.7	147	0.00
78	T	n-propylbenzene	50.000	51.003	-2.0	145	0.00
79	T	2-Chlorotoluene	50.000	51.588	-3.2	146	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.416	-8.8	147	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.584	6.8	130	0.00
82	T	4-Chlorotoluene	50.000	54.240	-8.5	147	0.00
83	T	tert-Butylbenzene	50.000	53.225	-6.5	144	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.752	-11.5	149	0.00
85	T	sec-Butylbenzene	50.000	54.406	-8.8	146	0.00
86	T	p-Isopropyltoluene	50.000	56.403	-12.8	147	0.00
87	T	1,3-Dichlorobenzene	50.000	53.493	-7.0	147	0.00
88	T	1,4-Dichlorobenzene	50.000	53.646	-7.3	145	0.00
89	T	n-Butylbenzene	50.000	54.072	-8.1	145	0.00
90	T	Hexachloroethane	50.000	52.154	-4.3	146	0.00
91	T	1,2-Dichlorobenzene	50.000	54.032	-8.1	147	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	40.764	18.5	120	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.177	-6.4	152	0.00
94	T	Hexachlorobutadiene	50.000	49.544	0.9	146	0.00
95	T	Naphthalene	50.000	49.768	0.5	140	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.957	-5.9	152	0.00

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