Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY009948.D
Acq On : 10 Aug 2022 04:03
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Aug 10 08:14:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 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	86	0.00
2	T	Dichlorodifluoromethane	50.000	43.882	12.2	82	0.00
3	P	Chloromethane	50.000	41.415	17.2	71	0.00
4	C	Vinyl Chloride	50.000	40.624	18.8#	68	0.00
5	T	Bromomethane	50.000	43.918	12.2	74	0.00
6	T	Chloroethane	50.000	42.878	14.2	70	0.00
7	T	Trichlorofluoromethane	50.000	46.573	6.9	79	0.00
8	T	Diethyl Ether	50.000	53.489	-7.0	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.399	3.2	84	0.00
10	T	Methyl Iodide	50.000	51.265	-2.5	80	0.00
11	T	Tert butyl alcohol	250.000	241.263	3.5	89	0.00
12	CM	1,1-Dichloroethene	50.000	48.397	3.2#	81	0.00
13	T	Acrolein	250.000	134.071	46.4#	82	0.00
14	T	Allyl chloride	50.000	45.895	8.2	77	0.00
15	T	Acrylonitrile	250.000	283.554	-13.4	98	0.00
16	T	Acetone	250.000	237.337	5.1	77	0.00
17	T	Carbon Disulfide	50.000	49.466	1.1	78	0.00
18	T	Methyl Acetate	50.000	57.147	-14.3	97	0.00
19	T	Methyl tert-butyl Ether	50.000	53.990	-8.0	91	0.00
20	T	Methylene Chloride	50.000	55.018	-10.0	93	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.998	-8.0	88	0.00
22	T	Diisopropyl ether	50.000	53.914	-7.8	90	0.00
23	T	Vinyl Acetate	250.000	271.221	-8.5	86	0.00
24	P	1,1-Dichloroethane	50.000	51.292	-2.6	89	0.00
25	T	2-Butanone	250.000	264.010	-5.6	87	0.00
26	T	2,2-Dichloropropane	50.000	35.371	29.3#	62	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.423	-10.8	93	0.00
28	T	Bromochloromethane	50.000	52.885	-5.8	93	0.00
29	T	Tetrahydrofuran	250.000	282.471	-13.0	93	0.00
30	C	Chloroform	50.000	52.972	-5.9#	93	0.00
31	T	Cyclohexane	50.000	47.275	5.5	78	0.00
32	T	1,1,1-Trichloroethane	50.000	49.930	0.1	86	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.884	-3.8	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	45.662	8.7	89	0.00
36	T	1,1-Dichloropropene	50.000	49.322	1.4	84	0.00
37	T	Ethyl Acetate	50.000	53.097	-6.2	93	0.00
38	T	Carbon Tetrachloride	50.000	49.160	1.7	84	0.00
39	T	Methylcyclohexane	50.000	55.445	-10.9	90	0.00
40	TM	Benzene	50.000	54.147	-8.3	93	0.00
41	T	Methacrylonitrile	50.000	51.972	-3.9	90	0.01
42	TM	1,2-Dichloroethane	50.000	54.268	-8.5	97	0.00
43	T	Isopropyl Acetate	50.000	52.785	-5.6	90	0.00
44	TM	Trichloroethene	50.000	58.422	-16.8	102	0.00
45	C	1,2-Dichloropropane	50.000	59.370	-18.7#	104	0.00
46	T	Dibromomethane	50.000	60.805	-21.6	105	0.00
47	T	Bromodichloromethane	50.000	59.193	-18.4	105	0.00
48	T	Methyl methacrylate	50.000	55.637	-11.3	97	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1221.923	-22.2	102	0.00
50	S	Toluene-d8	50.000	51.566	-3.1	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	290.784	-16.3	98	0.00
52	CM	Toluene	50.000	57.563	-15.1#	100	0.00
53	T	t-1,3-Dichloropropene	50.000	51.729	-3.5	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.535	-7.1	92	0.00
55	T	1,1,2-Trichloroethane	50.000	58.099	-16.2	103	0.00
56	T	Ethyl methacrylate	50.000	60.287	-20.6	98	0.00
57	T	1,3-Dichloropropane	50.000	57.372	-14.7	101	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	282.962	-13.2	98	0.00
59	T	2-Hexanone	250.000	288.769	-15.5	95	0.00
60	T	Dibromochloromethane	50.000	55.533	-11.1	100	0.00
61	T	1,2-Dibromoethane	50.000	54.253	-8.5	96	0.00
62	S	4-Bromofluorobenzene	50.000	52.413	-4.8	94	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	54.066	-8.1	97	0.00
65	PM	Chlorobenzene	50.000	52.347	-4.7	95	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.892	-5.8	96	0.00
67	C	Ethyl Benzene	50.000	52.462	-4.9#	90	0.00
68	T	m/p-Xylenes	100.000	108.046	-8.0	93	0.00
69	T	o-Xylene	50.000	54.968	-9.9	92	0.00
70	T	Styrene	50.000	56.132	-12.3	96	0.00
71	P	Bromoform	50.000	55.080	-10.2	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73	T	Isopropylbenzene	50.000	47.911	4.2	91	0.00
74	T	N-amyl acetate	50.000	46.006	8.0	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.813	-3.6	105	0.00
76	T	1,2,3-Trichloropropane	50.000	48.339	3.3	99	0.00
77	T	Bromobenzene	50.000	48.676	2.6	95	0.00
78	T	n-propylbenzene	50.000	49.243	1.5	92	0.00
79	T	2-Chlorotoluene	50.000	49.517	1.0	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.679	0.6	92	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	42.371	15.3	82	0.00
82	T	4-Chlorotoluene	50.000	49.429	1.1	96	0.00
83	T	tert-Butylbenzene	50.000	49.081	1.8	90	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.975	-4.0	97	0.00
85	T	sec-Butylbenzene	50.000	49.198	1.6	93	0.00
86	T	p-Isopropyltoluene	50.000	48.540	2.9	91	0.00
87	T	1,3-Dichlorobenzene	50.000	49.492	1.0	98	0.00
88	T	1,4-Dichlorobenzene	50.000	49.133	1.7	99	0.00
89	T	n-Butylbenzene	50.000	49.289	1.4	94	0.00
90	T	Hexachloroethane	50.000	48.828	2.3	98	0.00
91	T	1,2-Dichlorobenzene	50.000	50.018	-0.0	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.729	2.5	99	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.942	6.1	94	0.00
94	T	Hexachlorobutadiene	50.000	44.393	11.2	91	0.00
95	T	Naphthalene	50.000	53.488	-7.0	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.609	2.8	99	0.00

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