Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
Data File : VY008993.D
Acq On : 22 May 2022 09:40
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 60 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 23 02:29:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 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	75	0.00
2	T	Dichlorodifluoromethane	50.000	53.614	-7.2	76	0.00
3	P	Chloromethane	50.000	63.995	-28.0#	91	0.00
4	C	Vinyl Chloride	50.000	59.831	-19.7#	86	0.00
5	T	Bromomethane	50.000	52.040	-4.1	90	0.00
6	T	Chloroethane	50.000	60.818	-21.6	92	0.00
7	T	Trichlorofluoromethane	50.000	52.448	-4.9	77	0.00
8	T	Diethyl Ether	50.000	57.831	-15.7	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.800	-1.6	74	0.00
10	T	Methyl Iodide	50.000	57.003	-14.0	73	0.00
11	T	Tert butyl alcohol	250.000	259.279	-3.7	80	0.00
12	CM	1,1-Dichloroethene	50.000	53.679	-7.4#	79	0.00
13	T	Acrolein	250.000	131.131	47.5#	73	0.00
14	T	Allyl chloride	50.000	54.825	-9.7	79	0.00
15	T	Acrylonitrile	250.000	292.761	-17.1	88	0.00
16	T	Acetone	250.000	290.083	-16.0	89	0.00
17	T	Carbon Disulfide	50.000	54.850	-9.7	79	0.00
18	T	Methyl Acetate	50.000	76.249	-52.5#	113	0.00
19	T	Methyl tert-butyl Ether	50.000	57.774	-15.5	85	0.00
20	T	Methylene Chloride	50.000	54.422	-8.8	78	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.224	-8.4	82	0.00
22	T	Diisopropyl ether	50.000	58.818	-17.6	86	0.00
23	T	Vinyl Acetate	250.000	282.297	-12.9	80	0.00
24	P	1,1-Dichloroethane	50.000	56.736	-13.5	84	0.00
25	T	2-Butanone	250.000	300.064	-20.0	87	0.00
26	T	2,2-Dichloropropane	50.000	39.211	21.6	58	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.313	-10.6	80	0.00
28	T	Bromochloromethane	50.000	58.462	-16.9	90	0.00
29	T	Tetrahydrofuran	250.000	304.873	-21.9	87	0.00
30	C	Chloroform	50.000	56.164	-12.3#	83	0.00
31	T	Cyclohexane	50.000	49.738	0.5	75	0.00
32	T	1,1,1-Trichloroethane	50.000	54.611	-9.2	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.668	8.7	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	44.910	10.2	86	0.00
36	T	1,1-Dichloropropene	50.000	49.812	0.4	78	0.00
37	T	Ethyl Acetate	50.000	52.462	-4.9	83	0.00
38	T	Carbon Tetrachloride	50.000	48.544	2.9	76	0.00
39	T	Methylcyclohexane	50.000	47.097	5.8	71	0.00
40	TM	Benzene	50.000	52.988	-6.0	82	0.00
41	T	Methacrylonitrile	50.000	58.136	-16.3	88	0.00
42	TM	1,2-Dichloroethane	50.000	53.900	-7.8	84	0.00
43	T	Isopropyl Acetate	50.000	55.936	-11.9	86	0.00
44	TM	Trichloroethene	50.000	50.543	-1.1	79	0.00
45	C	1,2-Dichloropropane	50.000	53.969	-7.9#	83	0.00
46	T	Dibromomethane	50.000	53.561	-7.1	83	0.00
47	T	Bromodichloromethane	50.000	52.966	-5.9	83	0.00
48	T	Methyl methacrylate	50.000	57.400	-14.8	85	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1032.181	-3.2	80	0.00
50	S	Toluene-d8	50.000	40.704	18.6	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.306	-16.9	87	0.00
52	CM	Toluene	50.000	54.144	-8.3#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	51.151	-2.3	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.175	1.7	76	0.00
55	T	1,1,2-Trichloroethane	50.000	54.425	-8.8	83	0.00
56	T	Ethyl methacrylate	50.000	57.997	-16.0	84	0.00
57	T	1,3-Dichloropropane	50.000	55.565	-11.1	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	266.466	-6.6	80	0.00
59	T	2-Hexanone	250.000	296.362	-18.5	85	0.00
60	T	Dibromochloromethane	50.000	53.840	-7.7	81	0.00
61	T	1,2-Dibromoethane	50.000	55.428	-10.9	83	0.00
62	S	4-Bromofluorobenzene	50.000	52.156	-4.3	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	48.882	2.2	77	0.00
65	PM	Chlorobenzene	50.000	51.320	-2.6	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.847	-5.7	81	0.00
67	C	Ethyl Benzene	50.000	52.513	-5.0#	78	0.00
68	T	m/p-Xylenes	100.000	108.976	-9.0	78	0.00
69	T	o-Xylene	50.000	55.392	-10.8	80	0.00
70	T	Styrene	50.000	57.489	-15.0	79	0.00
71	P	Bromoform	50.000	55.395	-10.8	81	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
73	T	Isopropylbenzene	50.000	47.116	5.8	77	0.00
74	T	N-amyl acetate	50.000	50.537	-1.1	81	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.023	4.0	81	0.00
76	T	1,2,3-Trichloropropane	50.000	48.581	2.8	77	0.00
77	T	Bromobenzene	50.000	47.263	5.5	79	0.00
78	T	n-propylbenzene	50.000	50.899	-1.8	122	0.00
79	T	2-Chlorotoluene	50.000	49.819	0.4	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.902	0.2	77	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	40.159	19.7	66	0.00
82	T	4-Chlorotoluene	50.000	50.863	-1.7	78	0.00
83	T	tert-Butylbenzene	50.000	49.054	1.9	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.867	-3.7	79	0.00
85	T	sec-Butylbenzene	50.000	50.086	-0.2	76	0.00
86	T	p-Isopropyltoluene	50.000	50.903	-1.8	77	0.00
87	T	1,3-Dichlorobenzene	50.000	50.397	-0.8	79	0.00
88	T	1,4-Dichlorobenzene	50.000	49.874	0.3	78	0.00
89	T	n-Butylbenzene	50.000	48.596	2.8	75	0.00
90	T	Hexachloroethane	50.000	48.040	3.9	77	0.00
91	T	1,2-Dichlorobenzene	50.000	51.090	-2.2	81	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.773	6.5	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.645	10.7	75	0.00
94	T	Hexachlorobutadiene	50.000	42.980	14.0	73	0.00
95	T	Naphthalene	50.000	49.292	1.4	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.566	6.9	79	0.00

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