Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041922\
Data File : VY008408.D
Acq On : 19 Apr 2022 20:00
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 20 06:32:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	45.526	8.9	91	0.00
3	P	Chloromethane	50.000	53.698	-7.4	91	0.00
4	C	Vinyl Chloride	50.000	48.064	3.9#	92	0.00
5	T	Bromomethane	50.000	59.472	-18.9	108	0.00
6	T	Chloroethane	50.000	48.085	3.8	92	0.00
7	T	Trichlorofluoromethane	50.000	51.475	-3.0	98	0.00
8	T	Diethyl Ether	50.000	52.748	-5.5	101	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.544	-5.1	98	0.00
10	T	Methyl Iodide	50.000	45.080	9.8	81	0.00
11	T	Tert butyl alcohol	250.000	354.702	-41.9#	136	0.00
12	CM	1,1-Dichloroethene	50.000	49.790	0.4#	94	0.00
13	T	Acrolein	250.000	196.626	21.3	57	0.00
14	T	Allyl chloride	50.000	53.577	-7.2	96	0.00
15	T	Acrylonitrile	250.000	294.523	-17.8	109	0.00
16	T	Acetone	250.000	274.166	-9.7	98	0.00
17	T	Carbon Disulfide	50.000	40.756	18.5	78	0.00
18	T	Methyl Acetate	50.000	69.634	-39.3#	112	0.00
19	T	Methyl tert-butyl Ether	50.000	58.710	-17.4	107	0.00
20	T	Methylene Chloride	50.000	59.255	-18.5	101	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.785	-1.6	94	0.00
22	T	Diisopropyl ether	50.000	58.301	-16.6	104	0.00
23	T	Vinyl Acetate	250.000	301.714	-20.7	107	0.00
24	P	1,1-Dichloroethane	50.000	57.047	-14.1	104	0.00
25	T	2-Butanone	250.000	300.901	-20.4	111	0.00
26	T	2,2-Dichloropropane	50.000	56.493	-13.0	100	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.430	-10.9	100	0.00
28	T	Bromochloromethane	50.000	58.390	-16.8	93	0.00
29	T	Tetrahydrofuran	250.000	300.047	-20.0	110	0.00
30	C	Chloroform	50.000	58.099	-16.2#	105	0.00
31	T	Cyclohexane	50.000	45.872	8.3	89	0.00
32	T	1,1,1-Trichloroethane	50.000	57.085	-14.2	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.111	-2.2	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	49.245	1.5	91	0.00
36	T	1,1-Dichloropropene	50.000	51.205	-2.4	95	0.00
37	T	Ethyl Acetate	50.000	59.043	-18.1	112	0.00
38	T	Carbon Tetrachloride	50.000	53.704	-7.4	99	0.00
39	T	Methylcyclohexane	50.000	47.965	4.1	89	0.00
40	TM	Benzene	50.000	52.672	-5.3	99	0.00
41	T	Methacrylonitrile	50.000	61.733	-23.5	111	0.00
42	TM	1,2-Dichloroethane	50.000	55.536	-11.1	104	0.00
43	T	Isopropyl Acetate	50.000	60.301	-20.6	114	0.00
44	TM	Trichloroethene	50.000	52.286	-4.6	97	0.00
45	C	1,2-Dichloropropane	50.000	55.333	-10.7#	102	0.00
46	T	Dibromomethane	50.000	55.444	-10.9	103	0.00
47	T	Bromodichloromethane	50.000	56.744	-13.5	104	0.00
48	T	Methyl methacrylate	50.000	59.190	-18.4	114	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1231.277	-23.1	110	0.00
50	S	Toluene-d8	50.000	47.887	4.2	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	317.440	-27.0#	120	0.00
52	CM	Toluene	50.000	53.885	-7.8#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	56.901	-13.8	104	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.278	-10.6	101	0.00
55	T	1,1,2-Trichloroethane	50.000	57.090	-14.2	105	0.00
56	T	Ethyl methacrylate	50.000	60.780	-21.6	110	0.00
57	T	1,3-Dichloropropane	50.000	56.202	-12.4	104	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	250.011	-0.0	95	0.00
59	T	2-Hexanone	250.000	315.784	-26.3#	118	0.00
60	T	Dibromochloromethane	50.000	57.921	-15.8	104	0.00
61	T	1,2-Dibromoethane	50.000	55.420	-10.8	102	0.00
62	S	4-Bromofluorobenzene	50.000	49.029	1.9	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	51.928	-3.9	97	0.00
65	PM	Chlorobenzene	50.000	54.860	-9.7	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.367	-16.7	105	0.00
67	C	Ethyl Benzene	50.000	55.939	-11.9#	102	0.00
68	T	m/p-Xylenes	100.000	112.764	-12.8	102	0.00
69	T	o-Xylene	50.000	57.136	-14.3	102	0.00
70	T	Styrene	50.000	59.500	-19.0	105	0.00
71	P	Bromoform	50.000	59.104	-18.2	105	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	53.910	-7.8	103	0.00
74	T	N-amyl acetate	50.000	61.008	-22.0	121	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.839	-13.7	112	0.00
76	T	1,2,3-Trichloropropane	50.000	50.710	-1.4	93	0.00
77	T	Bromobenzene	50.000	50.910	-1.8	100	0.00
78	T	n-propylbenzene	50.000	53.553	-7.1	103	0.00
79	T	2-Chlorotoluene	50.000	54.370	-8.7	106	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.030	-10.1	105	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.357	-18.7	114	0.00
82	T	4-Chlorotoluene	50.000	55.073	-10.1	107	0.00
83	T	tert-Butylbenzene	50.000	54.713	-9.4	104	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.648	-11.3	106	0.00
85	T	sec-Butylbenzene	50.000	55.726	-11.5	106	0.00
86	T	p-Isopropyltoluene	50.000	55.789	-11.6	105	0.00
87	T	1,3-Dichlorobenzene	50.000	54.179	-8.4	103	0.00
88	T	1,4-Dichlorobenzene	50.000	53.481	-7.0	102	0.00
89	T	n-Butylbenzene	50.000	54.586	-9.2	104	0.00
90	T	Hexachloroethane	50.000	56.305	-12.6	106	0.00
91	T	1,2-Dichlorobenzene	50.000	54.668	-9.3	105	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.984	-18.0	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.182	-0.4	100	0.00
94	T	Hexachlorobutadiene	50.000	48.808	2.4	98	0.00
95	T	Naphthalene	50.000	55.170	-10.3	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.483	-1.0	102	0.00

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