Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008653.D
Acq On : 05 May 2022 08:18
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 05 09:04:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 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	51	0.00
2	T	Dichlorodifluoromethane	50.000	47.688	4.6	54	0.00
3	P	Chloromethane	50.000	128.028	-156.1#	138	0.00
4	C	Vinyl Chloride	50.000	91.490	-83.0#	97	0.00
5	T	Bromomethane	50.000	62.095	-24.2	61	0.00
6	T	Chloroethane	50.000	99.880	-99.8#	106	0.00
7	T	Trichlorofluoromethane	50.000	58.874	-17.7	63	0.00
8	T	Diethyl Ether	50.000	60.596	-21.2	63	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.930	-11.9	60	0.00
10	T	Methyl Iodide	50.000	45.476	9.0	43	0.00
11	T	Tert butyl alcohol	250.000	227.987	8.8	49	0.00
12	CM	1,1-Dichloroethene	50.000	58.858	-17.7#	62	0.00
13	T	Acrolein	250.000	231.596	7.4	49	0.00
14	T	Allyl chloride	50.000	66.389	-32.8#	68	0.00
15	T	Acrylonitrile	250.000	289.894	-16.0	61	0.00
16	T	Acetone	250.000	250.856	-0.3	51	0.00
17	T	Carbon Disulfide	50.000	63.664	-27.3#	66	0.00
18	T	Methyl Acetate	50.000	60.940	-21.9	64	0.00
19	T	Methyl tert-butyl Ether	50.000	63.332	-26.7#	66	0.00
20	T	Methylene Chloride	50.000	68.767	-37.5#	68	0.00
21	T	trans-1,2-Dichloroethene	50.000	63.015	-26.0#	66	0.00
22	T	Diisopropyl ether	50.000	69.181	-38.4#	71	0.00
23	T	Vinyl Acetate	250.000	353.653	-41.5#	70	0.00
24	P	1,1-Dichloroethane	50.000	68.467	-36.9#	71	0.00
25	T	2-Butanone	250.000	277.987	-11.2	58	0.00
26	T	2,2-Dichloropropane	50.000	55.119	-10.2	57	0.00
27	T	cis-1,2-Dichloroethene	50.000	61.428	-22.9	64	0.00
28	T	Bromochloromethane	50.000	67.799	-35.6#	70	0.00
29	T	Tetrahydrofuran	250.000	301.962	-20.8	63	0.00
30	C	Chloroform	50.000	65.124	-30.2#	67	0.00
31	T	Cyclohexane	50.000	61.453	-22.9	66	0.00
32	T	1,1,1-Trichloroethane	50.000	62.668	-25.3#	65	0.00
33	S	1,2-Dichloroethane-d4	50.000	70.548	-41.1#	70	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	60	0.00
35	S	Dibromofluoromethane	50.000	56.126	-12.3	66	0.00
36	T	1,1-Dichloropropene	50.000	55.794	-11.6	68	0.00
37	T	Ethyl Acetate	50.000	56.128	-12.3	70	0.00
38	T	Carbon Tetrachloride	50.000	48.082	3.8	59	0.00
39	T	Methylcyclohexane	50.000	51.908	-3.8	63	0.00
40	TM	Benzene	50.000	57.716	-15.4	70	0.00
41	T	Methacrylonitrile	50.000	59.441	-18.9	78	0.00
42	TM	1,2-Dichloroethane	50.000	57.964	-15.9	70	0.00
43	T	Isopropyl Acetate	50.000	59.225	-18.5	71	0.00
44	TM	Trichloroethene	50.000	48.412	3.2	60	0.00
45	C	1,2-Dichloropropane	50.000	59.351	-18.7#	71	0.00
46	T	Dibromomethane	50.000	54.454	-8.9	66	0.00
47	T	Bromodichloromethane	50.000	57.810	-15.6	69	0.00
48	T	Methyl methacrylate	50.000	60.283	-20.6	74	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	874.471	12.6	52	0.00
50	S	Toluene-d8	50.000	58.961	-17.9	69	0.00
51	T	4-Methyl-2-Pentanone	250.000	298.615	-19.4	72	0.00
52	CM	Toluene	50.000	58.218	-16.4#	71	0.00
53	T	t-1,3-Dichloropropene	50.000	54.654	-9.3	65	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.084	-8.2	64	0.00
55	T	1,1,2-Trichloroethane	50.000	52.618	-5.2	64	0.00
56	T	Ethyl methacrylate	50.000	56.697	-13.4	67	0.00
57	T	1,3-Dichloropropane	50.000	55.627	-11.3	67	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	263.654	-5.5	61	0.00
59	T	2-Hexanone	250.000	300.950	-20.4	71	0.00
60	T	Dibromochloromethane	50.000	51.808	-3.6	62	0.00
61	T	1,2-Dibromoethane	50.000	51.675	-3.3	63	0.00
62	S	4-Bromofluorobenzene	50.000	57.052	-14.1	68	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	63	0.00
64	T	Tetrachloroethene	50.000	43.504	13.0	56	0.00
65	PM	Chlorobenzene	50.000	52.699	-5.4	66	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.276	-4.6	65	0.00
67	C	Ethyl Benzene	50.000	56.726	-13.5#	71	0.00
68	T	m/p-Xylenes	100.000	113.985	-14.0	72	0.00
69	T	o-Xylene	50.000	55.874	-11.7	70	0.00
70	T	Styrene	50.000	59.122	-18.2	73	0.00
71	P	Bromoform	50.000	49.084	1.8	61	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	62	0.00
73	T	Isopropylbenzene	50.000	55.191	-10.4	70	0.00
74	T	N-amyl acetate	50.000	62.609	-25.2#	77	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.847	-13.7	73	0.00
76	T	1,2,3-Trichloropropane	50.000	59.870	-19.7	82	0.00
77	T	Bromobenzene	50.000	47.607	4.8	62	0.00
78	T	n-propylbenzene	50.000	57.781	-15.6	73	0.00
79	T	2-Chlorotoluene	50.000	55.797	-11.6	71	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.094	-12.2	71	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.251	-4.5	64	0.00
82	T	4-Chlorotoluene	50.000	58.294	-16.6	74	0.00
83	T	tert-Butylbenzene	50.000	54.707	-9.4	69	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.936	-15.9	73	0.00
85	T	sec-Butylbenzene	50.000	56.851	-13.7	72	0.00
86	T	p-Isopropyltoluene	50.000	56.897	-13.8	71	0.00
87	T	1,3-Dichlorobenzene	50.000	52.848	-5.7	68	0.00
88	T	1,4-Dichlorobenzene	50.000	51.988	-4.0	67	0.00
89	T	n-Butylbenzene	50.000	57.861	-15.7	72	0.00
90	T	Hexachloroethane	50.000	53.413	-6.8	67	0.00
91	T	1,2-Dichlorobenzene	50.000	51.395	-2.8	65	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.494	-9.0	71	0.00
93	T	1,2,4-Trichlorobenzene	50.000	41.929	16.1	53	0.00
94	T	Hexachlorobutadiene	50.000	36.380	27.2#	47	0.00
95	T	Naphthalene	50.000	48.891	2.2	62	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	43.007	14.0	55	0.00

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