Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072723\
Data File : VY014895.D
Acq On : 27 Jul 2023 20:19
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 28 02:39:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
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	55	0.00
2	T	Dichlorodifluoromethane	50.000	38.452	23.1	44	0.00
3	P	Chloromethane	50.000	54.413	-8.8	61	0.00
4	C	Vinyl Chloride	50.000	56.050	-12.1#	61	0.00
5	T	Bromomethane	50.000	68.322	-36.6#	76	-0.01
6	T	Chloroethane	50.000	61.941	-23.9	67	0.00
7	T	Trichlorofluoromethane	50.000	47.726	4.5	51	0.00
8	T	Diethyl Ether	50.000	52.059	-4.1	56	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.567	8.9	49	0.00
10	T	Methyl Iodide	50.000	35.752	28.5#	40	0.00
11	T	Tert butyl alcohol	250.000	254.878	-2.0	59	0.00
12	CM	1,1-Dichloroethene	50.000	46.591	6.8#	50	0.00
13	T	Acrolein	250.000	170.754	31.7#	41	0.00
14	T	Allyl chloride	50.000	42.531	14.9	46	0.00
15	T	Acrylonitrile	250.000	294.509	-17.8	64	0.00
16	T	Acetone	250.000	235.521	5.8	48	0.00
17	T	Carbon Disulfide	50.000	39.879	20.2	44	0.00
18	T	Methyl Acetate	50.000	66.355	-32.7#	72	0.00
19	T	Methyl tert-butyl Ether	50.000	53.395	-6.8	57	0.00
20	T	Methylene Chloride	50.000	54.579	-9.2	58	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.407	5.2	51	0.00
22	T	Diisopropyl ether	50.000	49.658	0.7	53	0.00
23	T	Vinyl Acetate	250.000	239.109	4.4	51	0.00
24	P	1,1-Dichloroethane	50.000	49.215	1.6	53	0.00
25	T	2-Butanone	250.000	276.687	-10.7	59	0.00
26	T	2,2-Dichloropropane	50.000	36.519	27.0#	39	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.173	-2.3	55	0.00
28	T	Bromochloromethane	50.000	47.956	4.1	55	0.00
29	T	Tetrahydrofuran	250.000	301.418	-20.6	66	0.00
30	C	Chloroform	50.000	51.786	-3.6#	56	0.00
31	T	Cyclohexane	50.000	39.518	21.0	45	0.00
32	T	1,1,1-Trichloroethane	50.000	48.761	2.5	53	0.00
33	S	1,2-Dichloroethane-d4	50.000	46.711	6.6	52	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	58	0.00
35	S	Dibromofluoromethane	50.000	43.893	12.2	50	0.00
36	T	1,1-Dichloropropene	50.000	45.573	8.9	50	0.00
37	T	Ethyl Acetate	50.000	54.524	-9.0	64	0.00
38	T	Carbon Tetrachloride	50.000	46.604	6.8	51	0.00
39	T	Methylcyclohexane	50.000	40.866	18.3	46	0.00
40	TM	Benzene	50.000	48.392	3.2	54	0.00
41	T	Methacrylonitrile	50.000	57.256	-14.5	66	0.00
42	TM	1,2-Dichloroethane	50.000	52.719	-5.4	58	0.00
43	T	Isopropyl Acetate	50.000	52.386	-4.8	59	0.00
44	TM	Trichloroethene	50.000	48.727	2.5	54	0.00
45	C	1,2-Dichloropropane	50.000	47.752	4.5#	53	0.00
46	T	Dibromomethane	50.000	52.557	-5.1	58	0.00
47	T	Bromodichloromethane	50.000	50.742	-1.5	56	0.00
48	T	Methyl methacrylate	50.000	53.342	-6.7	60	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1251.787	-25.2#	69	0.00
50	S	Toluene-d8	50.000	42.434	15.1	49	0.00
51	T	4-Methyl-2-Pentanone	250.000	291.779	-16.7	65	0.00
52	CM	Toluene	50.000	48.682	2.6#	54	0.00
53	T	t-1,3-Dichloropropene	50.000	45.717	8.6	51	0.00
54	T	cis-1,3-Dichloropropene	50.000	45.555	8.9	50	0.00
55	T	1,1,2-Trichloroethane	50.000	53.903	-7.8	60	0.00
56	T	Ethyl methacrylate	50.000	52.258	-4.5	57	0.00
57	T	1,3-Dichloropropane	50.000	52.077	-4.2	57	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	236.477	5.4	54	0.00
59	T	2-Hexanone	250.000	292.490	-17.0	65	0.00
60	T	Dibromochloromethane	50.000	52.132	-4.3	57	0.00
61	T	1,2-Dibromoethane	50.000	52.925	-5.8	58	0.00
62	S	4-Bromofluorobenzene	50.000	41.619	16.8	49	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	60	0.00
64	T	Tetrachloroethene	50.000	53.788	-7.6	63	0.00
65	PM	Chlorobenzene	50.000	48.215	3.6	56	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.021	-0.0	57	0.00
67	C	Ethyl Benzene	50.000	46.810	6.4#	54	0.00
68	T	m/p-Xylenes	100.000	93.355	6.6	54	0.00
69	T	o-Xylene	50.000	47.474	5.1	55	0.00
70	T	Styrene	50.000	48.720	2.6	56	0.00
71	P	Bromoform	50.000	52.558	-5.1	60	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	63	0.00
73	T	Isopropylbenzene	50.000	43.605	12.8	54	0.00
74	T	N-amyl acetate	50.000	45.852	8.3	56	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	49.369	1.3	62	0.00
76	T	1,2,3-Trichloropropane	50.000	55.842	-11.7	70	0.00
77	T	Bromobenzene	50.000	47.707	4.6	58	0.00
78	T	n-propylbenzene	50.000	43.475	13.0	53	0.00
79	T	2-Chlorotoluene	50.000	43.760	12.5	53	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.851	12.3	53	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	38.520	23.0	47	0.00
82	T	4-Chlorotoluene	50.000	44.143	11.7	54	0.00
83	T	tert-Butylbenzene	50.000	43.338	13.3	53	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.197	9.6	55	0.00
85	T	sec-Butylbenzene	50.000	43.725	12.5	53	0.00
86	T	p-Isopropyltoluene	50.000	45.047	9.9	54	0.00
87	T	1,3-Dichlorobenzene	50.000	47.583	4.8	58	0.00
88	T	1,4-Dichlorobenzene	50.000	47.755	4.5	58	0.00
89	T	n-Butylbenzene	50.000	43.173	13.7	52	0.00
90	T	Hexachloroethane	50.000	43.359	13.3	53	0.00
91	T	1,2-Dichlorobenzene	50.000	48.968	2.1	59	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.558	-5.1	66	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.699	0.6	59	0.00
94	T	Hexachlorobutadiene	50.000	45.826	8.3	54	0.00
95	T	Naphthalene	50.000	55.014	-10.0	66	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.490	-3.0	61	0.00

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