Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
Data File : VY014814.D
Acq On : 25 Jul 2023 20:04
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 26 01:23:23 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	59	0.00
2	T	Dichlorodifluoromethane	50.000	38.390	23.2	47	0.00
3	P	Chloromethane	50.000	49.521	1.0	59	0.00
4	C	Vinyl Chloride	50.000	52.202	-4.4#	61	0.00
5	T	Bromomethane	50.000	64.514	-29.0#	76	0.00
6	T	Chloroethane	50.000	57.686	-15.4	67	0.00
7	T	Trichlorofluoromethane	50.000	45.966	8.1	53	0.00
8	T	Diethyl Ether	50.000	46.679	6.6	54	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.715	10.6	51	0.00
10	T	Methyl Iodide	50.000	38.766	22.5	46	0.00
11	T	Tert butyl alcohol	250.000	206.686	17.3	53	0.00
12	CM	1,1-Dichloroethene	50.000	44.229	11.5#	51	0.01
13	T	Acrolein	250.000	185.771	25.7#	48	0.00
14	T	Allyl chloride	50.000	41.216	17.6	48	0.01
15	T	Acrylonitrile	250.000	254.501	-1.8	59	0.01
16	T	Acetone	250.000	199.353	20.3	44	0.00
17	T	Carbon Disulfide	50.000	39.236	21.5	46	0.00
18	T	Methyl Acetate	50.000	54.551	-9.1	63	0.00
19	T	Methyl tert-butyl Ether	50.000	48.863	2.3	56	0.00
20	T	Methylene Chloride	50.000	46.883	6.2	54	0.01
21	T	trans-1,2-Dichloroethene	50.000	45.472	9.1	53	0.00
22	T	Diisopropyl ether	50.000	46.830	6.3	53	0.00
23	T	Vinyl Acetate	250.000	227.813	8.9	52	0.00
24	P	1,1-Dichloroethane	50.000	46.770	6.5	53	0.00
25	T	2-Butanone	250.000	236.489	5.4	54	0.00
26	T	2,2-Dichloropropane	50.000	38.606	22.8	45	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.405	3.2	55	0.00
28	T	Bromochloromethane	50.000	48.663	2.7	60	0.01
29	T	Tetrahydrofuran	250.000	254.809	-1.9	60	0.00
30	C	Chloroform	50.000	48.672	2.7#	56	0.00
31	T	Cyclohexane	50.000	39.100	21.8	47	0.00
32	T	1,1,1-Trichloroethane	50.000	47.095	5.8	54	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.422	-2.8	61	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	61	0.00
35	S	Dibromofluoromethane	50.000	49.970	0.1	61	0.00
36	T	1,1-Dichloropropene	50.000	43.478	13.0	51	0.00
37	T	Ethyl Acetate	50.000	46.366	7.3	58	0.00
38	T	Carbon Tetrachloride	50.000	44.817	10.4	53	0.00
39	T	Methylcyclohexane	50.000	40.466	19.1	48	0.00
40	TM	Benzene	50.000	45.812	8.4	54	0.00
41	T	Methacrylonitrile	50.000	46.621	6.8	58	0.00
42	TM	1,2-Dichloroethane	50.000	47.522	5.0	56	0.00
43	T	Isopropyl Acetate	50.000	46.553	6.9	56	0.00
44	TM	Trichloroethene	50.000	45.636	8.7	54	0.00
45	C	1,2-Dichloropropane	50.000	45.738	8.5#	54	0.00
46	T	Dibromomethane	50.000	48.006	4.0	57	0.00
47	T	Bromodichloromethane	50.000	47.179	5.6	56	0.00
48	T	Methyl methacrylate	50.000	46.422	7.2	55	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	984.792	1.5	58	0.00
50	S	Toluene-d8	50.000	47.696	4.6	59	0.00
51	T	4-Methyl-2-Pentanone	250.000	246.291	1.5	59	0.00
52	CM	Toluene	50.000	45.750	8.5#	54	0.00
53	T	t-1,3-Dichloropropene	50.000	43.043	13.9	51	0.00
54	T	cis-1,3-Dichloropropene	50.000	43.516	13.0	51	0.00
55	T	1,1,2-Trichloroethane	50.000	48.665	2.7	58	0.00
56	T	Ethyl methacrylate	50.000	46.643	6.7	55	0.00
57	T	1,3-Dichloropropane	50.000	47.046	5.9	55	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	242.085	3.2	59	0.00
59	T	2-Hexanone	250.000	242.289	3.1	57	0.00
60	T	Dibromochloromethane	50.000	48.053	3.9	56	0.00
61	T	1,2-Dibromoethane	50.000	47.031	5.9	55	0.00
62	S	4-Bromofluorobenzene	50.000	46.066	7.9	57	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	62	0.00
64	T	Tetrachloroethene	50.000	48.406	3.2	59	0.00
65	PM	Chlorobenzene	50.000	45.954	8.1	55	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.364	3.3	57	0.00
67	C	Ethyl Benzene	50.000	45.183	9.6#	54	0.00
68	T	m/p-Xylenes	100.000	90.234	9.8	54	0.00
69	T	o-Xylene	50.000	45.550	8.9	55	0.00
70	T	Styrene	50.000	46.268	7.5	55	0.00
71	P	Bromoform	50.000	48.546	2.9	57	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	64	0.00
73	T	Isopropylbenzene	50.000	43.736	12.5	55	0.00
74	T	N-amyl acetate	50.000	42.559	14.9	52	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.454	9.1	57	0.00
76	T	1,2,3-Trichloropropane	50.000	49.651	0.7	62	0.00
77	T	Bromobenzene	50.000	45.108	9.8	55	0.00
78	T	n-propylbenzene	50.000	43.226	13.5	53	0.00
79	T	2-Chlorotoluene	50.000	43.006	14.0	53	0.00
80	T	1,3,5-Trimethylbenzene	50.000	43.344	13.3	53	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	38.767	22.5	47	0.00
82	T	4-Chlorotoluene	50.000	43.062	13.9	53	0.00
83	T	tert-Butylbenzene	50.000	43.382	13.2	53	0.00
84	T	1,2,4-Trimethylbenzene	50.000	44.216	11.6	54	0.00
85	T	sec-Butylbenzene	50.000	43.856	12.3	54	0.00
86	T	p-Isopropyltoluene	50.000	44.477	11.0	54	0.00
87	T	1,3-Dichlorobenzene	50.000	45.826	8.3	56	0.00
88	T	1,4-Dichlorobenzene	50.000	45.215	9.6	56	0.00
89	T	n-Butylbenzene	50.000	42.717	14.6	52	0.00
90	T	Hexachloroethane	50.000	42.719	14.6	52	0.00
91	T	1,2-Dichlorobenzene	50.000	46.103	7.8	56	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.931	10.1	57	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.110	11.8	53	0.00
94	T	Hexachlorobutadiene	50.000	42.987	14.0	51	0.00
95	T	Naphthalene	50.000	46.116	7.8	55	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.795	10.4	54	0.00

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