Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070523\
Data File : VY014574.D
Acq On : 05 Jul 2023 21:28
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jul 06 01:39:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 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	73	0.00
2	T	Dichlorodifluoromethane	50.000	47.540	4.9	70	0.00
3	P	Chloromethane	50.000	52.122	-4.2	80	0.00
4	C	Vinyl Chloride	50.000	54.164	-8.3#	82	0.00
5	T	Bromomethane	50.000	56.936	-13.9	91	-0.02
6	T	Chloroethane	50.000	55.448	-10.9	83	-0.01
7	T	Trichlorofluoromethane	50.000	50.976	-2.0	77	-0.02
8	T	Diethyl Ether	50.000	52.377	-4.8	76	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.051	3.9	73	-0.02
10	T	Methyl Iodide	50.000	45.160	9.7	62	-0.01
11	T	Tert butyl alcohol	250.000	220.094	12.0	66	-0.02
12	CM	1,1-Dichloroethene	50.000	48.016	4.0#	70	-0.01
13	T	Acrolein	250.000	183.512	26.6#	53	0.00
14	T	Allyl chloride	50.000	42.741	14.5	62	-0.01
15	T	Acrylonitrile	250.000	200.041	20.0	56	-0.01
16	T	Acetone	250.000	197.425	21.0	57	-0.01
17	T	Carbon Disulfide	50.000	45.424	9.2	67	-0.01
18	T	Methyl Acetate	50.000	45.837	8.3	67	0.00
19	T	Methyl tert-butyl Ether	50.000	44.583	10.8	63	0.00
20	T	Methylene Chloride	50.000	51.588	-3.2	73	0.00
21	T	trans-1,2-Dichloroethene	50.000	44.358	11.3	64	-0.01
22	T	Diisopropyl ether	50.000	43.308	13.4	60	0.00
23	T	Vinyl Acetate	250.000	212.112	15.2	57	-0.01
24	P	1,1-Dichloroethane	50.000	43.584	12.8	64	0.00
25	T	2-Butanone	250.000	206.908	17.2	57	-0.01
26	T	2,2-Dichloropropane	50.000	38.110	23.8	57	0.00
27	T	cis-1,2-Dichloroethene	50.000	46.682	6.6	67	0.00
28	T	Bromochloromethane	50.000	44.944	10.1	65	0.00
29	T	Tetrahydrofuran	250.000	222.786	10.9	60	0.00
30	C	Chloroform	50.000	52.070	-4.1#	76	0.00
31	T	Cyclohexane	50.000	37.418	25.2#	57	0.00
32	T	1,1,1-Trichloroethane	50.000	44.842	10.3	66	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.998	12.0	64	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	68	0.00
35	S	Dibromofluoromethane	50.000	51.014	-2.0	68	0.00
36	T	1,1-Dichloropropene	50.000	47.444	5.1	64	0.00
37	T	Ethyl Acetate	50.000	43.787	12.4	57	0.00
38	T	Carbon Tetrachloride	50.000	49.417	1.2	68	0.00
39	T	Methylcyclohexane	50.000	45.303	9.4	61	0.00
40	TM	Benzene	50.000	45.270	9.5	61	0.00
41	T	Methacrylonitrile	50.000	40.654	18.7	53	-0.01
42	TM	1,2-Dichloroethane	50.000	48.886	2.2	66	0.00
43	T	Isopropyl Acetate	50.000	46.889	6.2	61	0.00
44	TM	Trichloroethene	50.000	50.448	-0.9	69	0.00
45	C	1,2-Dichloropropane	50.000	43.500	13.0#	59	0.00
46	T	Dibromomethane	50.000	46.896	6.2	63	0.00
47	T	Bromodichloromethane	50.000	46.301	7.4	62	0.00
48	T	Methyl methacrylate	50.000	43.075	13.8	55	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	901.579	9.8	55	-0.02
50	S	Toluene-d8	50.000	49.835	0.3	67	0.00
51	T	4-Methyl-2-Pentanone	250.000	233.820	6.5	59	0.00
52	CM	Toluene	50.000	47.690	4.6#	64	0.00
53	T	t-1,3-Dichloropropene	50.000	49.923	0.2	66	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.876	6.2	62	0.00
55	T	1,1,2-Trichloroethane	50.000	47.067	5.9	62	0.00
56	T	Ethyl methacrylate	50.000	48.086	3.8	61	0.00
57	T	1,3-Dichloropropane	50.000	45.563	8.9	61	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	269.331	-7.7	67	0.00
59	T	2-Hexanone	250.000	287.289	-14.9	72	0.00
60	T	Dibromochloromethane	50.000	54.436	-8.9	73	0.00
61	T	1,2-Dibromoethane	50.000	52.291	-4.6	69	0.00
62	S	4-Bromofluorobenzene	50.000	50.103	-0.2	67	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	68	0.00
64	T	Tetrachloroethene	50.000	50.966	-1.9	70	0.00
65	PM	Chlorobenzene	50.000	47.356	5.3	64	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.018	-0.0	67	0.00
67	C	Ethyl Benzene	50.000	45.754	8.5#	61	0.00
68	T	m/p-Xylenes	100.000	93.595	6.4	62	0.00
69	T	o-Xylene	50.000	49.393	1.2	65	0.00
70	T	Styrene	50.000	49.327	1.3	64	0.00
71	P	Bromoform	50.000	56.877	-13.8	76	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	75	0.00
73	T	Isopropylbenzene	50.000	48.723	2.6	71	0.00
74	T	N-amyl acetate	50.000	49.601	0.8	70	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	41.716	16.6	61	0.00
76	T	1,2,3-Trichloropropane	50.000	43.692	12.6	65	0.00
77	T	Bromobenzene	50.000	46.233	7.5	68	0.00
78	T	n-propylbenzene	50.000	43.896	12.2	64	0.00
79	T	2-Chlorotoluene	50.000	43.096	13.8	64	0.00
80	T	1,3,5-Trimethylbenzene	50.000	44.927	10.1	66	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	39.274	21.5	58	0.00
82	T	4-Chlorotoluene	50.000	42.569	14.9	63	0.00
83	T	tert-Butylbenzene	50.000	45.304	9.4	66	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.844	0.3	72	0.00
85	T	sec-Butylbenzene	50.000	45.426	9.1	67	0.00
86	T	p-Isopropyltoluene	50.000	45.604	8.8	67	0.00
87	T	1,3-Dichlorobenzene	50.000	45.358	9.3	68	0.00
88	T	1,4-Dichlorobenzene	50.000	46.440	7.1	71	0.00
89	T	n-Butylbenzene	50.000	41.564	16.9	62	0.00
90	T	Hexachloroethane	50.000	43.990	12.0	67	0.00
91	T	1,2-Dichlorobenzene	50.000	45.264	9.5	68	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.017	18.0	61	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.696	4.6	70	0.00
94	T	Hexachlorobutadiene	50.000	48.677	2.6	74	0.00
95	T	Naphthalene	50.000	46.918	6.2	67	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.981	6.0	69	0.00

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