Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
Data File : VY013328.D
Acq On : 14 Apr 2023 18:51
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 17 02:16:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 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	104	0.00
2	T	Dichlorodifluoromethane	50.000	47.662	4.7	102	0.00
3	P	Chloromethane	50.000	40.291	19.4	88	0.00
4	C	Vinyl Chloride	50.000	43.228	13.5#	93	0.00
5	T	Bromomethane	50.000	38.606	22.8	86	0.00
6	T	Chloroethane	50.000	38.468	23.1	85	0.00
7	T	Trichlorofluoromethane	50.000	45.509	9.0	100	-0.01
8	T	Diethyl Ether	50.000	46.941	6.1	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.594	8.8	98	-0.01
10	T	Methyl Iodide	50.000	50.403	-0.8	101	-0.01
11	T	Tert butyl alcohol	250.000	176.419	29.4#	77	0.00
12	CM	1,1-Dichloroethene	50.000	46.749	6.5#	100	0.00
13	T	Acrolein	250.000	180.521	27.8#	76	0.00
14	T	Allyl chloride	50.000	37.536	24.9	80	-0.01
15	T	Acrylonitrile	250.000	216.995	13.2	88	0.00
16	T	Acetone	250.000	158.360	36.7#	64	0.00
17	T	Carbon Disulfide	50.000	42.971	14.1	92	-0.01
18	T	Methyl Acetate	50.000	40.699	18.6	83	0.00
19	T	Methyl tert-butyl Ether	50.000	48.580	2.8	100	0.00
20	T	Methylene Chloride	50.000	49.166	1.7	105	-0.01
21	T	trans-1,2-Dichloroethene	50.000	46.214	7.6	98	0.00
22	T	Diisopropyl ether	50.000	38.183	23.6	79	0.00
23	T	Vinyl Acetate	250.000	200.571	19.8	80	0.00
24	P	1,1-Dichloroethane	50.000	42.363	15.3	91	-0.01
25	T	2-Butanone	250.000	180.894	27.6#	73	0.00
26	T	2,2-Dichloropropane	50.000	42.008	16.0	92	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.732	4.5	100	0.00
28	T	Bromochloromethane	50.000	38.745	22.5	81	0.00
29	T	Tetrahydrofuran	250.000	211.900	15.2	82	0.00
30	C	Chloroform	50.000	46.280	7.4#	101	0.00
31	T	Cyclohexane	50.000	37.730	24.5	83	0.00
32	T	1,1,1-Trichloroethane	50.000	47.367	5.3	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.830	8.3	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	48.843	2.3	102	0.00
36	T	1,1-Dichloropropene	50.000	44.017	12.0	93	0.00
37	T	Ethyl Acetate	50.000	42.247	15.5	84	0.00
38	T	Carbon Tetrachloride	50.000	49.823	0.4	106	0.00
39	T	Methylcyclohexane	50.000	48.945	2.1	99	0.00
40	TM	Benzene	50.000	44.470	11.1	93	0.00
41	T	Methacrylonitrile	50.000	45.881	8.2	93	0.00
42	TM	1,2-Dichloroethane	50.000	47.736	4.5	100	0.00
43	T	Isopropyl Acetate	50.000	41.727	16.5	83	0.00
44	TM	Trichloroethene	50.000	52.365	-4.7	112	0.00
45	C	1,2-Dichloropropane	50.000	48.996	2.0#	102	0.00
46	T	Dibromomethane	50.000	52.180	-4.4	108	0.00
47	T	Bromodichloromethane	50.000	50.190	-0.4	107	0.00
48	T	Methyl methacrylate	50.000	47.551	4.9	92	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1217.722	-21.8	122	0.00
50	S	Toluene-d8	50.000	47.635	4.7	96	0.00
51	T	4-Methyl-2-Pentanone	250.000	214.116	14.4	83	0.00
52	CM	Toluene	50.000	47.627	4.7#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	48.136	3.7	98	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.397	7.2	96	0.00
55	T	1,1,2-Trichloroethane	50.000	50.414	-0.8	107	0.00
56	T	Ethyl methacrylate	50.000	51.028	-2.1	98	0.00
57	T	1,3-Dichloropropane	50.000	47.385	5.2	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.829	9.3	94	0.00
59	T	2-Hexanone	250.000	213.152	14.7	81	0.00
60	T	Dibromochloromethane	50.000	53.140	-6.3	110	0.00
61	T	1,2-Dibromoethane	50.000	52.728	-5.5	107	0.00
62	S	4-Bromofluorobenzene	50.000	49.434	1.1	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
64	T	Tetrachloroethene	50.000	55.403	-10.8	117	0.00
65	PM	Chlorobenzene	50.000	49.296	1.4	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.473	-4.9	109	0.00
67	C	Ethyl Benzene	50.000	48.291	3.4#	99	0.00
68	T	m/p-Xylenes	100.000	100.491	-0.5	104	0.00
69	T	o-Xylene	50.000	53.106	-6.2	108	0.00
70	T	Styrene	50.000	53.977	-8.0	108	0.00
71	P	Bromoform	50.000	52.865	-5.7	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	100	0.00
73	T	Isopropylbenzene	50.000	49.921	0.2	101	0.00
74	T	N-amyl acetate	50.000	51.723	-3.4	101	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.883	-3.8	105	0.00
76	T	1,2,3-Trichloropropane	50.000	54.505	-9.0	112	0.00
77	T	Bromobenzene	50.000	51.072	-2.1	104	0.00
78	T	n-propylbenzene	50.000	49.403	1.2	99	0.00
79	T	2-Chlorotoluene	50.000	49.711	0.6	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.832	-1.7	102	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.594	-1.2	100	0.00
82	T	4-Chlorotoluene	50.000	48.509	3.0	99	0.00
83	T	tert-Butylbenzene	50.000	50.922	-1.8	102	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.574	-3.1	102	0.00
85	T	sec-Butylbenzene	50.000	50.152	-0.3	101	0.00
86	T	p-Isopropyltoluene	50.000	51.683	-3.4	103	0.00
87	T	1,3-Dichlorobenzene	50.000	50.205	-0.4	105	0.00
88	T	1,4-Dichlorobenzene	50.000	50.354	-0.7	105	0.00
89	T	n-Butylbenzene	50.000	49.749	0.5	100	0.00
90	T	Hexachloroethane	50.000	49.228	1.5	104	0.00
91	T	1,2-Dichlorobenzene	50.000	51.420	-2.8	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.102	-14.2	113	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.532	-15.1	116	0.00
94	T	Hexachlorobutadiene	50.000	56.453	-12.9	117	0.00
95	T	Naphthalene	50.000	55.414	-10.8	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.888	-17.8	120	0.00

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