Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042524\
Data File : VY018052.D
Acq On : 25 Apr 2024 16:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Apr 26 02:03:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
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	84	0.00
2	T	Dichlorodifluoromethane	50.000	46.638	6.7	80	0.00
3	P	Chloromethane	50.000	41.952	16.1	74	0.00
4	C	Vinyl Chloride	50.000	41.279	17.4#	69	0.00
5	T	Bromomethane	50.000	44.919	10.2	75	0.00
6	T	Chloroethane	50.000	42.459	15.1	72	0.00
7	T	Trichlorofluoromethane	50.000	43.577	12.8	72	0.00
8	T	Diethyl Ether	50.000	50.253	-0.5	83	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.560	8.9	75	0.00
10	T	Methyl Iodide	50.000	50.167	-0.3	81	0.00
11	T	Tert butyl alcohol	250.000	208.311	16.7	70	0.00
12	CM	1,1-Dichloroethene	50.000	48.612	2.8#	80	0.00
13	T	Acrolein	250.000	286.970	-14.8	98	0.00
14	T	Allyl chloride	50.000	51.244	-2.5	83	0.00
15	T	Acrylonitrile	250.000	246.196	1.5	81	0.00
16	T	Acetone	250.000	201.637	19.3	65	0.00
17	T	Carbon Disulfide	50.000	45.814	8.4	76	0.00
18	T	Methyl Acetate	50.000	49.315	1.4	88	0.00
19	T	Methyl tert-butyl Ether	50.000	50.565	-1.1	81	0.00
20	T	Methylene Chloride	50.000	50.933	-1.9	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.027	-0.1	82	0.00
22	T	Diisopropyl ether	50.000	52.488	-5.0	84	0.00
23	T	Vinyl Acetate	250.000	245.168	1.9	77	0.00
24	P	1,1-Dichloroethane	50.000	50.995	-2.0	83	0.00
25	T	2-Butanone	250.000	227.534	9.0	72	0.00
26	T	2,2-Dichloropropane	50.000	48.363	3.3	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.999	-4.0	84	0.00
28	T	Bromochloromethane	50.000	52.277	-4.6	86	0.00
29	T	Tetrahydrofuran	250.000	233.973	6.4	76	0.00
30	C	Chloroform	50.000	51.090	-2.2#	85	0.00
31	T	Cyclohexane	50.000	43.565	12.9	73	0.00
32	T	1,1,1-Trichloroethane	50.000	49.769	0.5	81	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.614	-7.2	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	54.472	-8.9	88	0.00
36	T	1,1-Dichloropropene	50.000	46.943	6.1	78	0.00
37	T	Ethyl Acetate	50.000	46.288	7.4	78	0.00
38	T	Carbon Tetrachloride	50.000	48.123	3.8	80	0.00
39	T	Methylcyclohexane	50.000	44.939	10.1	72	0.00
40	TM	Benzene	50.000	50.433	-0.9	84	0.00
41	T	Methacrylonitrile	50.000	45.498	9.0	76	-0.02
42	TM	1,2-Dichloroethane	50.000	48.112	3.8	81	0.00
43	T	Isopropyl Acetate	50.000	46.969	6.1	78	0.00
44	TM	Trichloroethene	50.000	51.463	-2.9	86	0.00
45	C	1,2-Dichloropropane	50.000	50.745	-1.5#	85	0.00
46	T	Dibromomethane	50.000	48.792	2.4	82	0.00
47	T	Bromodichloromethane	50.000	49.914	0.2	83	0.00
48	T	Methyl methacrylate	50.000	47.348	5.3	77	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	991.055	0.9	81	0.00
50	S	Toluene-d8	50.000	56.172	-12.3	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	236.131	5.5	77	0.00
52	CM	Toluene	50.000	51.521	-3.0#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	49.794	0.4	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.186	-0.4	82	0.00
55	T	1,1,2-Trichloroethane	50.000	49.793	0.4	83	0.00
56	T	Ethyl methacrylate	50.000	49.693	0.6	79	0.00
57	T	1,3-Dichloropropane	50.000	50.113	-0.2	84	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	226.546	9.4	75	0.00
59	T	2-Hexanone	250.000	235.731	5.7	75	0.00
60	T	Dibromochloromethane	50.000	51.841	-3.7	86	0.00
61	T	1,2-Dibromoethane	50.000	49.291	1.4	82	0.00
62	S	4-Bromofluorobenzene	50.000	57.024	-14.0	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	50.750	-1.5	84	0.00
65	PM	Chlorobenzene	50.000	51.364	-2.7	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.376	-4.8	88	0.00
67	C	Ethyl Benzene	50.000	51.194	-2.4#	83	0.00
68	T	m/p-Xylenes	100.000	103.485	-3.5	84	0.00
69	T	o-Xylene	50.000	52.839	-5.7	86	0.00
70	T	Styrene	50.000	53.519	-7.0	85	0.00
71	P	Bromoform	50.000	50.434	-0.9	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	50.730	-1.5	84	0.00
74	T	N-amyl acetate	50.000	45.884	8.2	76	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	45.945	8.1	80	0.00
76	T	1,2,3-Trichloropropane	50.000	44.690	10.6	78	0.00
77	T	Bromobenzene	50.000	51.991	-4.0	87	0.00
78	T	n-propylbenzene	50.000	50.038	-0.1	82	0.00
79	T	2-Chlorotoluene	50.000	50.495	-1.0	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.025	-2.0	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.642	6.7	78	0.00
82	T	4-Chlorotoluene	50.000	49.869	0.3	84	0.00
83	T	tert-Butylbenzene	50.000	52.638	-5.3	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.579	-3.2	85	0.00
85	T	sec-Butylbenzene	50.000	50.006	-0.0	82	0.00
86	T	p-Isopropyltoluene	50.000	50.817	-1.6	83	0.00
87	T	1,3-Dichlorobenzene	50.000	50.280	-0.6	85	0.00
88	T	1,4-Dichlorobenzene	50.000	49.781	0.4	85	0.00
89	T	n-Butylbenzene	50.000	48.914	2.2	79	0.00
90	T	Hexachloroethane	50.000	50.807	-1.6	87	0.00
91	T	1,2-Dichlorobenzene	50.000	50.449	-0.9	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.787	10.4	77	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.655	-1.3	86	0.00
94	T	Hexachlorobutadiene	50.000	50.935	-1.9	87	0.00
95	T	Naphthalene	50.000	50.418	-0.8	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.304	-0.6	84	0.00

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