Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
Data File : VY018373.D
Acq On : 24 May 2024 18:40
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: May 25 03:27:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	44.928	10.1	73	0.00
3	P	Chloromethane	50.000	55.905	-11.8	91	0.00
4	C	Vinyl Chloride	50.000	61.059	-22.1#	93	0.00
5	T	Bromomethane	50.000	57.544	-15.1	97	0.00
6	T	Chloroethane	50.000	60.551	-21.1	96	0.00
7	T	Trichlorofluoromethane	50.000	55.672	-11.3	89	0.00
8	T	Diethyl Ether	50.000	53.566	-7.1	84	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.170	-4.3	84	0.00
10	T	Methyl Iodide	50.000	53.576	-7.2	80	0.00
11	T	Tert butyl alcohol	250.000	298.607	-19.4	84	0.00
12	CM	1,1-Dichloroethene	50.000	52.809	-5.6#	82	0.00
13	T	Acrolein	250.000	209.808	16.1	66	0.00
14	T	Allyl chloride	50.000	57.452	-14.9	89	0.00
15	T	Acrylonitrile	250.000	285.775	-14.3	87	0.00
16	T	Acetone	250.000	259.972	-4.0	79	0.00
17	T	Carbon Disulfide	50.000	56.915	-13.8	81	0.00
18	T	Methyl Acetate	50.000	56.880	-13.8	90	0.00
19	T	Methyl tert-butyl Ether	50.000	56.838	-13.7	87	0.00
20	T	Methylene Chloride	50.000	62.343	-24.7	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.111	-10.2	84	0.00
22	T	Diisopropyl ether	50.000	62.099	-24.2	94	0.00
23	T	Vinyl Acetate	250.000	305.039	-22.0	90	0.00
24	P	1,1-Dichloroethane	50.000	58.295	-16.6	88	0.00
25	T	2-Butanone	250.000	280.237	-12.1	85	0.00
26	T	2,2-Dichloropropane	50.000	53.407	-6.8	83	-0.01
27	T	cis-1,2-Dichloroethene	50.000	55.956	-11.9	85	0.00
28	T	Bromochloromethane	50.000	61.311	-22.6	96	0.00
29	T	Tetrahydrofuran	250.000	295.723	-18.3	88	0.00
30	C	Chloroform	50.000	57.489	-15.0#	89	0.00
31	T	Cyclohexane	50.000	59.860	-19.7	85	0.00
32	T	1,1,1-Trichloroethane	50.000	56.887	-13.8	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.012	-6.0	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	45.494	9.0	86	0.00
36	T	1,1-Dichloropropene	50.000	51.203	-2.4	85	0.00
37	T	Ethyl Acetate	50.000	54.728	-9.5	87	0.00
38	T	Carbon Tetrachloride	50.000	48.259	3.5	84	0.00
39	T	Methylcyclohexane	50.000	49.665	0.7	82	0.00
40	TM	Benzene	50.000	53.410	-6.8	87	0.00
41	T	Methacrylonitrile	50.000	55.169	-10.3	81	0.00
42	TM	1,2-Dichloroethane	50.000	52.867	-5.7	90	0.00
43	T	Isopropyl Acetate	50.000	55.097	-10.2	92	0.00
44	TM	Trichloroethene	50.000	49.015	2.0	84	0.00
45	C	1,2-Dichloropropane	50.000	56.544	-13.1#	92	0.00
46	T	Dibromomethane	50.000	51.263	-2.5	86	0.00
47	T	Bromodichloromethane	50.000	52.511	-5.0	89	0.00
48	T	Methyl methacrylate	50.000	54.863	-9.7	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1036.746	-3.7	86	0.00
50	S	Toluene-d8	50.000	47.051	5.9	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	283.010	-13.2	96	0.00
52	CM	Toluene	50.000	53.266	-6.5#	92	0.00
53	T	t-1,3-Dichloropropene	50.000	55.376	-10.8	95	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.167	-8.3	88	0.00
55	T	1,1,2-Trichloroethane	50.000	53.301	-6.6	91	0.00
56	T	Ethyl methacrylate	50.000	56.849	-13.7	98	0.00
57	T	1,3-Dichloropropane	50.000	54.520	-9.0	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	208.862	16.5	65	0.00
59	T	2-Hexanone	250.000	272.590	-9.0	95	0.00
60	T	Dibromochloromethane	50.000	52.983	-6.0	89	0.00
61	T	1,2-Dibromoethane	50.000	54.963	-9.9	96	0.00
62	S	4-Bromofluorobenzene	50.000	47.200	5.6	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	48.312	3.4	87	0.00
65	PM	Chlorobenzene	50.000	51.282	-2.6	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.705	-5.4	91	0.00
67	C	Ethyl Benzene	50.000	52.434	-4.9#	94	0.00
68	T	m/p-Xylenes	100.000	101.975	-2.0	90	0.00
69	T	o-Xylene	50.000	51.138	-2.3	90	0.00
70	T	Styrene	50.000	52.386	-4.8	90	0.00
71	P	Bromoform	50.000	51.615	-3.2	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	48.999	2.0	90	0.00
74	T	N-amyl acetate	50.000	48.372	3.3	91	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.564	2.9	93	0.00
76	T	1,2,3-Trichloropropane	50.000	54.876	-9.8	108	0.00
77	T	Bromobenzene	50.000	50.217	-0.4	91	0.00
78	T	n-propylbenzene	50.000	47.890	4.2	91	0.00
79	T	2-Chlorotoluene	50.000	48.003	4.0	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.997	2.0	91	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.673	4.7	93	0.00
82	T	4-Chlorotoluene	50.000	47.971	4.1	92	0.00
83	T	tert-Butylbenzene	50.000	48.531	2.9	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.390	1.2	93	0.00
85	T	sec-Butylbenzene	50.000	48.467	3.1	92	0.00
86	T	p-Isopropyltoluene	50.000	48.600	2.8	91	0.00
87	T	1,3-Dichlorobenzene	50.000	48.988	2.0	90	0.00
88	T	1,4-Dichlorobenzene	50.000	48.262	3.5	91	0.00
89	T	n-Butylbenzene	50.000	47.836	4.3	92	0.00
90	T	Hexachloroethane	50.000	48.893	2.2	92	0.00
91	T	1,2-Dichlorobenzene	50.000	49.946	0.1	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	49.045	1.9	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.239	1.5	96	0.00
94	T	Hexachlorobutadiene	50.000	49.810	0.4	94	0.00
95	T	Naphthalene	50.000	49.210	1.6	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	47.828	4.3	96	0.00

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