Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012924\
Data File : VY017131.D
Acq On : 29 Jan 2024 17:05
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 30 00:30:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	47.611	4.8	81	0.00
3	P	Chloromethane	50.000	55.128	-10.3	91	0.00
4	C	Vinyl Chloride	50.000	57.238	-14.5#	91	0.00
5	T	Bromomethane	50.000	56.671	-13.3	94	0.00
6	T	Chloroethane	50.000	58.902	-17.8	94	0.00
7	T	Trichlorofluoromethane	50.000	54.179	-8.4	89	0.00
8	T	Diethyl Ether	50.000	45.274	9.5	79	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.032	3.9	86	0.01
10	T	Methyl Iodide	50.000	50.602	-1.2	81	0.00
11	T	Tert butyl alcohol	250.000	198.195	20.7	73	0.01
12	CM	1,1-Dichloroethene	50.000	49.278	1.4#	87	0.00
13	T	Acrolein	250.000	175.900	29.6#	60	0.00
14	T	Allyl chloride	50.000	52.013	-4.0	89	0.00
15	T	Acrylonitrile	250.000	226.920	9.2	77	0.00
16	T	Acetone	250.000	192.078	23.2	73	0.00
17	T	Carbon Disulfide	50.000	47.177	5.6	82	0.00
18	T	Methyl Acetate	50.000	48.362	3.3	79	0.00
19	T	Methyl tert-butyl Ether	50.000	46.058	7.9	78	0.01
20	T	Methylene Chloride	50.000	56.772	-13.5	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.200	-2.4	88	0.00
22	T	Diisopropyl ether	50.000	52.233	-4.5	87	0.01
23	T	Vinyl Acetate	250.000	231.544	7.4	78	0.00
24	P	1,1-Dichloroethane	50.000	51.579	-3.2	90	0.00
25	T	2-Butanone	250.000	193.528	22.6	72	0.01
26	T	2,2-Dichloropropane	50.000	49.559	0.9	86	0.01
27	T	cis-1,2-Dichloroethene	50.000	51.710	-3.4	88	0.00
28	T	Bromochloromethane	50.000	51.988	-4.0	76	0.00
29	T	Tetrahydrofuran	250.000	221.561	11.4	73	0.00
30	C	Chloroform	50.000	51.394	-2.8#	89	0.00
31	T	Cyclohexane	50.000	52.827	-5.7	85	0.00
32	T	1,1,1-Trichloroethane	50.000	51.395	-2.8	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.767	-1.5	81	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	52.673	-5.3	83	0.00
36	T	1,1-Dichloropropene	50.000	51.481	-3.0	88	0.01
37	T	Ethyl Acetate	50.000	43.963	12.1	77	0.00
38	T	Carbon Tetrachloride	50.000	50.622	-1.2	88	0.00
39	T	Methylcyclohexane	50.000	50.212	-0.4	83	0.01
40	TM	Benzene	50.000	51.947	-3.9	88	0.00
41	T	Methacrylonitrile	50.000	47.066	5.9	88	0.00
42	TM	1,2-Dichloroethane	50.000	48.495	3.0	83	0.00
43	T	Isopropyl Acetate	50.000	44.701	10.6	75	0.00
44	TM	Trichloroethene	50.000	51.226	-2.5	88	0.01
45	C	1,2-Dichloropropane	50.000	51.484	-3.0#	87	0.00
46	T	Dibromomethane	50.000	47.543	4.9	81	0.00
47	T	Bromodichloromethane	50.000	51.024	-2.0	85	0.00
48	T	Methyl methacrylate	50.000	47.377	5.2	77	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1041.404	-4.1	87	0.00
50	S	Toluene-d8	50.000	53.689	-7.4	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	221.009	11.6	73	0.00
52	CM	Toluene	50.000	52.847	-5.7#	88	0.00
53	T	t-1,3-Dichloropropene	50.000	48.930	2.1	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.468	-0.9	84	0.00
55	T	1,1,2-Trichloroethane	50.000	47.349	5.3	80	0.00
56	T	Ethyl methacrylate	50.000	46.629	6.7	75	0.00
57	T	1,3-Dichloropropane	50.000	48.936	2.1	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	271.278	-8.5	80	0.00
59	T	2-Hexanone	250.000	197.709	20.9	71	0.00
60	T	Dibromochloromethane	50.000	49.243	1.5	83	0.00
61	T	1,2-Dibromoethane	50.000	47.168	5.7	80	0.00
62	S	4-Bromofluorobenzene	50.000	52.723	-5.4	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	50.251	-0.5	87	0.00
65	PM	Chlorobenzene	50.000	51.189	-2.4	87	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.671	-3.3	86	0.00
67	C	Ethyl Benzene	50.000	53.062	-6.1#	88	0.00
68	T	m/p-Xylenes	100.000	106.144	-6.1	88	0.00
69	T	o-Xylene	50.000	53.320	-6.6	87	0.00
70	T	Styrene	50.000	54.113	-8.2	86	0.00
71	P	Bromoform	50.000	47.579	4.8	80	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	52.983	-6.0	88	0.00
74	T	N-amyl acetate	50.000	45.159	9.7	74	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.764	10.5	76	0.00
76	T	1,2,3-Trichloropropane	50.000	40.322	19.4	66	0.00
77	T	Bromobenzene	50.000	51.278	-2.6	86	0.00
78	T	n-propylbenzene	50.000	53.345	-6.7	87	0.00
79	T	2-Chlorotoluene	50.000	52.349	-4.7	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.060	-6.1	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.051	9.9	78	0.00
82	T	4-Chlorotoluene	50.000	51.986	-4.0	87	0.00
83	T	tert-Butylbenzene	50.000	53.755	-7.5	88	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.374	-4.7	86	0.00
85	T	sec-Butylbenzene	50.000	53.899	-7.8	87	0.00
86	T	p-Isopropyltoluene	50.000	53.309	-6.6	86	0.00
87	T	1,3-Dichlorobenzene	50.000	49.963	0.1	84	0.00
88	T	1,4-Dichlorobenzene	50.000	49.164	1.7	83	0.00
89	T	n-Butylbenzene	50.000	53.246	-6.5	86	0.00
90	T	Hexachloroethane	50.000	52.154	-4.3	88	0.00
91	T	1,2-Dichlorobenzene	50.000	50.067	-0.1	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	43.367	13.3	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.309	5.4	79	0.00
94	T	Hexachlorobutadiene	50.000	49.371	1.3	85	0.00
95	T	Naphthalene	50.000	43.022	14.0	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.788	8.4	77	0.00

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