Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
Data File : VY018297.D
Acq On : 16 May 2024 19:56
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 17 01:20:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 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	64	0.00
2	T	Dichlorodifluoromethane	50.000	46.492	7.0	58	0.00
3	P	Chloromethane	50.000	55.172	-10.3	66	0.00
4	C	Vinyl Chloride	50.000	53.581	-7.2#	64	0.00
5	T	Bromomethane	50.000	52.852	-5.7	66	0.00
6	T	Chloroethane	50.000	55.903	-11.8	67	0.00
7	T	Trichlorofluoromethane	50.000	49.152	1.7	60	0.00
8	T	Diethyl Ether	50.000	55.660	-11.3	70	0.01
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.584	2.8	60	0.00
10	T	Methyl Iodide	50.000	47.808	4.4	54	0.00
11	T	Tert butyl alcohol	250.000	364.742	-45.9#	93	-0.01
12	CM	1,1-Dichloroethene	50.000	49.690	0.6#	59	0.00
13	T	Acrolein	250.000	294.706	-17.9	90	0.00
14	T	Allyl chloride	50.000	58.001	-16.0	71	0.00
15	T	Acrylonitrile	250.000	335.177	-34.1#	87	0.00
16	T	Acetone	250.000	300.263	-20.1	77	0.00
17	T	Carbon Disulfide	50.000	50.617	-1.2	57	0.00
18	T	Methyl Acetate	50.000	65.721	-31.4#	91	0.00
19	T	Methyl tert-butyl Ether	50.000	60.473	-20.9	78	0.00
20	T	Methylene Chloride	50.000	57.388	-14.8	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.142	-4.3	63	0.00
22	T	Diisopropyl ether	50.000	55.747	-11.5	70	0.00
23	T	Vinyl Acetate	250.000	304.090	-21.6	78	0.00
24	P	1,1-Dichloroethane	50.000	57.886	-15.8	71	0.00
25	T	2-Butanone	250.000	316.698	-26.7#	83	0.00
26	T	2,2-Dichloropropane	50.000	50.295	-0.6	62	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.617	-7.2	65	0.00
28	T	Bromochloromethane	50.000	55.052	-10.1	73	0.00
29	T	Tetrahydrofuran	250.000	315.682	-26.3#	85	0.00
30	C	Chloroform	50.000	54.985	-10.0#	68	0.00
31	T	Cyclohexane	50.000	51.784	-3.6	61	0.00
32	T	1,1,1-Trichloroethane	50.000	52.197	-4.4	64	0.00
33	S	1,2-Dichloroethane-d4	50.000	60.863	-21.7	96	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	71	0.00
35	S	Dibromofluoromethane	50.000	52.140	-4.3	85	0.00
36	T	1,1-Dichloropropene	50.000	48.492	3.0	64	0.00
37	T	Ethyl Acetate	50.000	61.176	-22.4	85	0.00
38	T	Carbon Tetrachloride	50.000	46.229	7.5	61	0.00
39	T	Methylcyclohexane	50.000	44.317	11.4	56	0.00
40	TM	Benzene	50.000	49.437	1.1	65	0.00
41	T	Methacrylonitrile	50.000	52.919	-5.8	70	-0.01
42	TM	1,2-Dichloroethane	50.000	55.245	-10.5	76	0.00
43	T	Isopropyl Acetate	50.000	57.146	-14.3	82	0.00
44	TM	Trichloroethene	50.000	46.816	6.4	61	0.00
45	C	1,2-Dichloropropane	50.000	51.742	-3.5#	68	0.00
46	T	Dibromomethane	50.000	52.320	-4.6	73	0.00
47	T	Bromodichloromethane	50.000	51.021	-2.0	68	0.00
48	T	Methyl methacrylate	50.000	55.510	-11.0	80	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1014.253	-1.4	72	0.00
50	S	Toluene-d8	50.000	50.208	-0.4	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	293.077	-17.2	84	0.00
52	CM	Toluene	50.000	48.860	2.3#	65	0.00
53	T	t-1,3-Dichloropropene	50.000	50.643	-1.3	69	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.182	-0.4	69	0.00
55	T	1,1,2-Trichloroethane	50.000	52.161	-4.3	72	0.00
56	T	Ethyl methacrylate	50.000	52.605	-5.2	73	0.00
57	T	1,3-Dichloropropane	50.000	53.519	-7.0	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	275.330	-10.1	89	0.00
59	T	2-Hexanone	250.000	278.901	-11.6	78	0.00
60	T	Dibromochloromethane	50.000	50.318	-0.6	69	0.00
61	T	1,2-Dibromoethane	50.000	51.945	-3.9	73	0.00
62	S	4-Bromofluorobenzene	50.000	50.264	-0.5	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	74	0.00
64	T	Tetrachloroethene	50.000	47.359	5.3	65	0.00
65	PM	Chlorobenzene	50.000	46.710	6.6	65	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.901	4.2	68	0.00
67	C	Ethyl Benzene	50.000	46.896	6.2#	65	0.00
68	T	m/p-Xylenes	100.000	93.446	6.6	64	0.00
69	T	o-Xylene	50.000	46.098	7.8	65	0.00
70	T	Styrene	50.000	47.410	5.2	66	0.00
71	P	Bromoform	50.000	49.045	1.9	70	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	74	0.00
73	T	Isopropylbenzene	50.000	45.922	8.2	64	0.00
74	T	N-amyl acetate	50.000	52.752	-5.5	79	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.149	-0.3	74	0.00
76	T	1,2,3-Trichloropropane	50.000	52.666	-5.3	79	0.00
77	T	Bromobenzene	50.000	46.397	7.2	65	0.00
78	T	n-propylbenzene	50.000	46.484	7.0	64	0.00
79	T	2-Chlorotoluene	50.000	46.615	6.8	66	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.222	7.6	64	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.297	3.4	69	0.00
82	T	4-Chlorotoluene	50.000	46.512	7.0	66	0.00
83	T	tert-Butylbenzene	50.000	46.107	7.8	63	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.552	6.9	65	0.00
85	T	sec-Butylbenzene	50.000	45.824	8.4	63	0.00
86	T	p-Isopropyltoluene	50.000	45.700	8.6	63	0.00
87	T	1,3-Dichlorobenzene	50.000	46.940	6.1	66	0.00
88	T	1,4-Dichlorobenzene	50.000	47.310	5.4	67	0.00
89	T	n-Butylbenzene	50.000	45.687	8.6	63	0.00
90	T	Hexachloroethane	50.000	44.872	10.3	62	0.00
91	T	1,2-Dichlorobenzene	50.000	48.080	3.8	68	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.484	-7.0	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.432	5.1	67	0.00
94	T	Hexachlorobutadiene	50.000	44.668	10.7	60	0.00
95	T	Naphthalene	50.000	53.037	-6.1	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.620	2.8	69	0.00

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