Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
Data File : VY018389.D
Acq On : 28 May 2024 18:50
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 29 01:23:56 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	44.442	11.1	68	0.00
3	P	Chloromethane	50.000	54.897	-9.8	83	0.00
4	C	Vinyl Chloride	50.000	59.980	-20.0#	86	0.00
5	T	Bromomethane	50.000	55.747	-11.5	88	0.00
6	T	Chloroethane	50.000	59.783	-19.6	88	0.00
7	T	Trichlorofluoromethane	50.000	54.587	-9.2	81	0.00
8	T	Diethyl Ether	50.000	53.739	-7.5	79	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.472	-0.9	76	0.00
10	T	Methyl Iodide	50.000	53.696	-7.4	75	0.00
11	T	Tert butyl alcohol	250.000	277.861	-11.1	74	-0.01
12	CM	1,1-Dichloroethene	50.000	52.166	-4.3#	76	0.00
13	T	Acrolein	250.000	203.112	18.8	60	0.00
14	T	Allyl chloride	50.000	57.368	-14.7	83	0.00
15	T	Acrylonitrile	250.000	281.402	-12.6	80	0.00
16	T	Acetone	250.000	253.494	-1.4	72	0.00
17	T	Carbon Disulfide	50.000	55.091	-10.2	74	0.00
18	T	Methyl Acetate	50.000	56.127	-12.3	83	0.00
19	T	Methyl tert-butyl Ether	50.000	55.138	-10.3	79	0.00
20	T	Methylene Chloride	50.000	63.453	-26.9#	90	0.00
21	T	trans-1,2-Dichloroethene	50.000	53.868	-7.7	77	0.00
22	T	Diisopropyl ether	50.000	61.367	-22.7	87	0.00
23	T	Vinyl Acetate	250.000	298.754	-19.5	82	0.00
24	P	1,1-Dichloroethane	50.000	57.800	-15.6	82	0.00
25	T	2-Butanone	250.000	279.076	-11.6	79	0.00
26	T	2,2-Dichloropropane	50.000	52.469	-4.9	76	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.951	-9.9	78	0.00
28	T	Bromochloromethane	50.000	63.096	-26.2#	92	0.00
29	T	Tetrahydrofuran	250.000	297.217	-18.9	83	0.00
30	C	Chloroform	50.000	57.283	-14.6#	83	0.00
31	T	Cyclohexane	50.000	58.023	-16.0	77	0.00
32	T	1,1,1-Trichloroethane	50.000	54.945	-9.9	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.546	-23.1	99	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	54.395	-8.8	95	0.00
36	T	1,1-Dichloropropene	50.000	52.243	-4.5	80	0.00
37	T	Ethyl Acetate	50.000	54.266	-8.5	80	0.00
38	T	Carbon Tetrachloride	50.000	48.579	2.8	78	0.00
39	T	Methylcyclohexane	50.000	47.775	4.5	73	0.00
40	TM	Benzene	50.000	53.252	-6.5	81	0.00
41	T	Methacrylonitrile	50.000	53.565	-7.1	73	0.00
42	TM	1,2-Dichloroethane	50.000	53.444	-6.9	84	0.00
43	T	Isopropyl Acetate	50.000	54.096	-8.2	83	0.00
44	TM	Trichloroethene	50.000	49.768	0.5	79	0.00
45	C	1,2-Dichloropropane	50.000	55.045	-10.1#	83	0.00
46	T	Dibromomethane	50.000	51.356	-2.7	80	0.00
47	T	Bromodichloromethane	50.000	53.075	-6.2	83	0.00
48	T	Methyl methacrylate	50.000	51.480	-3.0	80	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1042.300	-4.2	80	0.00
50	S	Toluene-d8	50.000	56.778	-13.6	100	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.767	-11.1	87	0.00
52	CM	Toluene	50.000	53.114	-6.2#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	55.081	-10.2	87	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.975	-6.0	80	0.00
55	T	1,1,2-Trichloroethane	50.000	54.188	-8.4	86	0.00
56	T	Ethyl methacrylate	50.000	57.814	-15.6	92	0.00
57	T	1,3-Dichloropropane	50.000	55.264	-10.5	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	298.123	-19.2	86	0.00
59	T	2-Hexanone	250.000	270.965	-8.4	87	0.00
60	T	Dibromochloromethane	50.000	52.407	-4.8	82	0.00
61	T	1,2-Dibromoethane	50.000	54.320	-8.6	87	0.00
62	S	4-Bromofluorobenzene	50.000	57.557	-15.1	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	45.101	9.8	78	0.00
65	PM	Chlorobenzene	50.000	48.323	3.4	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.459	1.1	82	0.00
67	C	Ethyl Benzene	50.000	50.571	-1.1#	88	0.00
68	T	m/p-Xylenes	100.000	98.486	1.5	84	0.00
69	T	o-Xylene	50.000	49.276	1.4	84	0.00
70	T	Styrene	50.000	50.448	-0.9	84	0.00
71	P	Bromoform	50.000	49.289	1.4	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	47.483	5.0	84	0.00
74	T	N-amyl acetate	50.000	46.794	6.4	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.871	2.3	90	0.00
76	T	1,2,3-Trichloropropane	50.000	44.533	10.9	84	0.00
77	T	Bromobenzene	50.000	47.774	4.5	83	0.00
78	T	n-propylbenzene	50.000	45.997	8.0	83	0.00
79	T	2-Chlorotoluene	50.000	46.891	6.2	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.024	6.0	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.720	6.6	87	0.00
82	T	4-Chlorotoluene	50.000	46.264	7.5	85	0.00
83	T	tert-Butylbenzene	50.000	45.602	8.8	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.313	5.4	85	0.00
85	T	sec-Butylbenzene	50.000	45.467	9.1	83	0.00
86	T	p-Isopropyltoluene	50.000	46.681	6.6	84	0.00
87	T	1,3-Dichlorobenzene	50.000	47.739	4.5	84	0.00
88	T	1,4-Dichlorobenzene	50.000	47.190	5.6	85	0.00
89	T	n-Butylbenzene	50.000	45.556	8.9	84	0.00
90	T	Hexachloroethane	50.000	46.682	6.6	84	0.00
91	T	1,2-Dichlorobenzene	50.000	47.726	4.5	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.572	4.9	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.652	8.7	85	0.00
94	T	Hexachlorobutadiene	50.000	45.742	8.5	83	0.00
95	T	Naphthalene	50.000	47.766	4.5	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.436	11.1	86	0.00

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