Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
Data File : VY018235.D
Acq On : 10 May 2024 16:39
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: May 11 01:02:40 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	71	0.00
2	T	Dichlorodifluoromethane	50.000	51.857	-3.7	71	0.00
3	P	Chloromethane	50.000	61.287	-22.6	81	0.00
4	C	Vinyl Chloride	50.000	58.124	-16.2#	76	0.00
5	T	Bromomethane	50.000	56.701	-13.4	78	0.00
6	T	Chloroethane	50.000	58.485	-17.0	77	0.00
7	T	Trichlorofluoromethane	50.000	53.397	-6.8	72	0.00
8	T	Diethyl Ether	50.000	57.706	-15.4	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.680	-1.4	68	0.00
10	T	Methyl Iodide	50.000	54.023	-8.0	66	0.00
11	T	Tert butyl alcohol	250.000	360.676	-44.3#	101	0.00
12	CM	1,1-Dichloroethene	50.000	53.437	-6.9#	70	0.00
13	T	Acrolein	250.000	496.059	-98.4#	166	0.00
14	T	Allyl chloride	50.000	56.859	-13.7	76	0.00
15	T	Acrylonitrile	250.000	321.730	-28.7#	92	0.00
16	T	Acetone	250.000	445.671	-78.3#	125	0.00
17	T	Carbon Disulfide	50.000	61.498	-23.0	76	0.00
18	T	Methyl Acetate	50.000	60.598	-21.2	92	0.00
19	T	Methyl tert-butyl Ether	50.000	58.366	-16.7	82	0.00
20	T	Methylene Chloride	50.000	60.633	-21.3	88	0.00
21	T	trans-1,2-Dichloroethene	50.000	56.718	-13.4	75	0.00
22	T	Diisopropyl ether	50.000	55.445	-10.9	76	0.00
23	T	Vinyl Acetate	250.000	304.618	-21.8	85	0.00
24	P	1,1-Dichloroethane	50.000	54.750	-9.5	74	0.00
25	T	2-Butanone	250.000	368.296	-47.3#	106	0.00
26	T	2,2-Dichloropropane	50.000	52.361	-4.7	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.793	-9.6	73	0.00
28	T	Bromochloromethane	50.000	52.507	-5.0	76	0.00
29	T	Tetrahydrofuran	250.000	322.766	-29.1#	95	0.00
30	C	Chloroform	50.000	54.270	-8.5#	74	0.00
31	T	Cyclohexane	50.000	54.377	-8.8	70	0.00
32	T	1,1,1-Trichloroethane	50.000	52.608	-5.2	71	0.00
33	S	1,2-Dichloroethane-d4	50.000	63.792	-27.6#	110	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	56.961	-13.9	98	0.00
36	T	1,1-Dichloropropene	50.000	52.679	-5.4	73	0.00
37	T	Ethyl Acetate	50.000	63.536	-27.1#	93	0.00
38	T	Carbon Tetrachloride	50.000	50.092	-0.2	69	0.00
39	T	Methylcyclohexane	50.000	51.491	-3.0	69	0.00
40	TM	Benzene	50.000	53.562	-7.1	74	0.00
41	T	Methacrylonitrile	50.000	52.624	-5.2	73	-0.01
42	TM	1,2-Dichloroethane	50.000	57.096	-14.2	83	0.00
43	T	Isopropyl Acetate	50.000	60.847	-21.7	92	0.00
44	TM	Trichloroethene	50.000	52.200	-4.4	72	0.00
45	C	1,2-Dichloropropane	50.000	53.095	-6.2#	74	0.00
46	T	Dibromomethane	50.000	55.027	-10.1	81	0.00
47	T	Bromodichloromethane	50.000	53.144	-6.3	75	0.00
48	T	Methyl methacrylate	50.000	61.152	-22.3	93	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1174.836	-17.5	88	0.01
50	S	Toluene-d8	50.000	57.298	-14.6	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	306.393	-22.6	92	0.00
52	CM	Toluene	50.000	52.569	-5.1#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	55.262	-10.5	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.632	-9.3	79	0.00
55	T	1,1,2-Trichloroethane	50.000	54.499	-9.0	80	0.00
56	T	Ethyl methacrylate	50.000	57.288	-14.6	84	0.00
57	T	1,3-Dichloropropane	50.000	55.743	-11.5	81	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.521	-7.4	92	0.00
59	T	2-Hexanone	250.000	339.896	-36.0#	100	0.00
60	T	Dibromochloromethane	50.000	54.691	-9.4	79	0.00
61	T	1,2-Dibromoethane	50.000	54.805	-9.6	81	0.00
62	S	4-Bromofluorobenzene	50.000	56.512	-13.0	101	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64	T	Tetrachloroethene	50.000	50.720	-1.4	72	0.00
65	PM	Chlorobenzene	50.000	51.023	-2.0	73	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	50.308	-0.6	74	0.00
67	C	Ethyl Benzene	50.000	50.432	-0.9#	72	0.00
68	T	m/p-Xylenes	100.000	101.843	-1.8	73	0.00
69	T	o-Xylene	50.000	50.502	-1.0	74	0.00
70	T	Styrene	50.000	51.357	-2.7	74	0.00
71	P	Bromoform	50.000	52.298	-4.6	78	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73	T	Isopropylbenzene	50.000	48.123	3.8	72	0.00
74	T	N-amyl acetate	50.000	55.976	-12.0	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.673	-7.3	85	0.00
76	T	1,2,3-Trichloropropane	50.000	49.981	0.0	80	0.00
77	T	Bromobenzene	50.000	49.832	0.3	74	0.00
78	T	n-propylbenzene	50.000	48.929	2.1	72	0.00
79	T	2-Chlorotoluene	50.000	48.396	3.2	73	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.381	3.2	72	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.106	-6.2	81	0.00
82	T	4-Chlorotoluene	50.000	48.514	3.0	73	0.00
83	T	tert-Butylbenzene	50.000	49.290	1.4	73	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.396	1.2	74	0.00
85	T	sec-Butylbenzene	50.000	48.068	3.9	71	0.00
86	T	p-Isopropyltoluene	50.000	48.488	3.0	71	0.00
87	T	1,3-Dichlorobenzene	50.000	49.767	0.5	75	0.00
88	T	1,4-Dichlorobenzene	50.000	49.668	0.7	75	0.00
89	T	n-Butylbenzene	50.000	49.207	1.6	72	0.00
90	T	Hexachloroethane	50.000	47.051	5.9	70	0.00
91	T	1,2-Dichlorobenzene	50.000	50.573	-1.1	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.944	-9.9	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.080	-6.2	80	0.00
94	T	Hexachlorobutadiene	50.000	48.571	2.9	69	0.00
95	T	Naphthalene	50.000	59.015	-18.0	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.558	-9.1	82	0.00

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