Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
Data File : VY016914.D
Acq On : 05 Jan 2024 10:24
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 05 22:32:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 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	89	0.01
2	T	Dichlorodifluoromethane	50.000	50.634	-1.3	87	0.00
3	P	Chloromethane	50.000	51.192	-2.4	89	0.01
4	C	Vinyl Chloride	50.000	52.375	-4.8#	90	0.01
5	T	Bromomethane	50.000	51.301	-2.6	94	0.01
6	T	Chloroethane	50.000	53.130	-6.3	92	0.01
7	T	Trichlorofluoromethane	50.000	52.554	-5.1	90	0.02
8	T	Diethyl Ether	50.000	51.961	-3.9	87	0.02
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.628	-5.3	92	0.02
10	T	Methyl Iodide	50.000	56.831	-13.7	90	0.02
11	T	Tert butyl alcohol	250.000	224.051	10.4	78	0.02
12	CM	1,1-Dichloroethene	50.000	53.926	-7.9#	92	0.02
13	T	Acrolein	250.000	214.239	14.3	78	0.02
14	T	Allyl chloride	50.000	54.793	-9.6	92	0.02
15	T	Acrylonitrile	250.000	247.403	1.0	85	0.02
16	T	Acetone	250.000	293.604	-17.4	100	0.01
17	T	Carbon Disulfide	50.000	53.921	-7.8	87	0.02
18	T	Methyl Acetate	50.000	55.461	-10.9	85	0.01
19	T	Methyl tert-butyl Ether	50.000	52.061	-4.1	86	0.02
20	T	Methylene Chloride	50.000	48.106	3.8	83	0.02
21	T	trans-1,2-Dichloroethene	50.000	54.293	-8.6	91	0.01
22	T	Diisopropyl ether	50.000	55.758	-11.5	91	0.02
23	T	Vinyl Acetate	250.000	255.180	-2.1	86	0.02
24	P	1,1-Dichloroethane	50.000	54.412	-8.8	92	0.02
25	T	2-Butanone	250.000	264.715	-5.9	90	0.02
26	T	2,2-Dichloropropane	50.000	54.078	-8.2	92	0.02
27	T	cis-1,2-Dichloroethene	50.000	55.489	-11.0	93	0.01
28	T	Bromochloromethane	50.000	60.476	-21.0	94	0.01
29	T	Tetrahydrofuran	250.000	243.975	2.4	81	0.01
30	C	Chloroform	50.000	54.072	-8.1#	92	0.01
31	T	Cyclohexane	50.000	51.840	-3.7	89	0.01
32	T	1,1,1-Trichloroethane	50.000	54.552	-9.1	92	0.01
33	S	1,2-Dichloroethane-d4	50.000	48.713	2.6	85	0.01
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.01
35	S	Dibromofluoromethane	50.000	50.759	-1.5	89	0.02
36	T	1,1-Dichloropropene	50.000	54.875	-9.8	92	0.02
37	T	Ethyl Acetate	50.000	48.716	2.6	82	0.01
38	T	Carbon Tetrachloride	50.000	54.907	-9.8	93	0.01
39	T	Methylcyclohexane	50.000	56.373	-12.7	90	0.02
40	TM	Benzene	50.000	54.585	-9.2	92	0.01
41	T	Methacrylonitrile	50.000	54.123	-8.2	100	0.02
42	TM	1,2-Dichloroethane	50.000	52.650	-5.3	90	0.00
43	T	Isopropyl Acetate	50.000	48.849	2.3	83	0.01
44	TM	Trichloroethene	50.000	53.927	-7.9	90	0.02
45	C	1,2-Dichloropropane	50.000	54.195	-8.4#	91	0.01
46	T	Dibromomethane	50.000	51.618	-3.2	87	0.02
47	T	Bromodichloromethane	50.000	53.667	-7.3	91	0.01
48	T	Methyl methacrylate	50.000	50.823	-1.6	82	0.01

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	969.660	3.0	84	0.00
50	S	Toluene-d8	50.000	52.235	-4.5	87	0.01
51	T	4-Methyl-2-Pentanone	250.000	248.166	0.7	81	0.01
52	CM	Toluene	50.000	56.187	-12.4#	93	0.01
53	T	t-1,3-Dichloropropene	50.000	53.417	-6.8	88	0.01
54	T	cis-1,3-Dichloropropene	50.000	54.253	-8.5	90	0.01
55	T	1,1,2-Trichloroethane	50.000	51.335	-2.7	87	0.01
56	T	Ethyl methacrylate	50.000	52.633	-5.3	85	0.01
57	T	1,3-Dichloropropane	50.000	52.789	-5.6	89	0.01
58	T	2-Chloroethyl Vinyl ether	250.000	252.438	-1.0	88	0.02
59	T	2-Hexanone	250.000	248.104	0.8	86	0.01
60	T	Dibromochloromethane	50.000	52.647	-5.3	88	0.01
61	T	1,2-Dibromoethane	50.000	53.096	-6.2	88	0.01
62	S	4-Bromofluorobenzene	50.000	49.335	1.3	86	0.01
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.01
64	T	Tetrachloroethene	50.000	54.565	-9.1	92	0.01
65	PM	Chlorobenzene	50.000	55.149	-10.3	93	0.01
66	T	1,1,1,2-Tetrachloroethane	50.000	54.962	-9.9	91	0.01
67	C	Ethyl Benzene	50.000	57.103	-14.2#	92	0.02
68	T	m/p-Xylenes	100.000	114.364	-14.4	92	0.01
69	T	o-Xylene	50.000	57.504	-15.0	92	0.01
70	T	Styrene	50.000	57.483	-15.0	90	0.02
71	P	Bromoform	50.000	52.057	-4.1	85	0.01
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.01
73	T	Isopropylbenzene	50.000	56.904	-13.8	92	0.01
74	T	N-amyl acetate	50.000	51.284	-2.6	84	0.01
75	P	1,1,2,2-Tetrachloroethane	50.000	50.273	-0.5	87	0.00
76	T	1,2,3-Trichloropropane	50.000	56.543	-13.1	86	0.01
77	T	Bromobenzene	50.000	54.161	-8.3	92	0.01
78	T	n-propylbenzene	50.000	57.111	-14.2	92	0.01
79	T	2-Chlorotoluene	50.000	55.780	-11.6	92	0.01
80	T	1,3,5-Trimethylbenzene	50.000	57.101	-14.2	92	0.02
81	T	trans-1,4-Dichloro-2-butene	50.000	50.351	-0.7	87	0.01
82	T	4-Chlorotoluene	50.000	55.468	-10.9	92	0.01
83	T	tert-Butylbenzene	50.000	56.486	-13.0	93	0.01
84	T	1,2,4-Trimethylbenzene	50.000	57.782	-15.6	93	0.01
85	T	sec-Butylbenzene	50.000	57.886	-15.8	94	0.01
86	T	p-Isopropyltoluene	50.000	57.415	-14.8	92	0.01
87	T	1,3-Dichlorobenzene	50.000	54.595	-9.2	92	0.01
88	T	1,4-Dichlorobenzene	50.000	53.805	-7.6	91	0.01
89	T	n-Butylbenzene	50.000	58.368	-16.7	94	0.01
90	T	Hexachloroethane	50.000	54.939	-9.9	93	0.01
91	T	1,2-Dichlorobenzene	50.000	54.322	-8.6	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.999	6.0	84	0.01
93	T	1,2,4-Trichlorobenzene	50.000	57.551	-15.1	92	0.01
94	T	Hexachlorobutadiene	50.000	55.911	-11.8	93	0.01
95	T	Naphthalene	50.000	53.956	-7.9	87	0.01

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.492	-11.0	89	0.01

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