Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
Data File : VY016977.D
Acq On : 10 Jan 2024 16:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Jan 11 00:14:44 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	79	0.00
2	T	Dichlorodifluoromethane	50.000	40.412	19.2	63	0.00
3	P	Chloromethane	50.000	49.773	0.5	77	0.00
4	C	Vinyl Chloride	50.000	50.299	-0.6#	76	0.00
5	T	Bromomethane	50.000	53.695	-7.4	87	0.00
6	T	Chloroethane	50.000	52.845	-5.7	81	0.00
7	T	Trichlorofluoromethane	50.000	47.841	4.3	73	0.00
8	T	Diethyl Ether	50.000	53.763	-7.5	80	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.006	6.0	73	0.00
10	T	Methyl Iodide	50.000	50.339	-0.7	71	0.00
11	T	Tert butyl alcohol	250.000	282.411	-13.0	84	0.00
12	CM	1,1-Dichloroethene	50.000	48.810	2.4#	74	0.00
13	T	Acrolein	250.000	213.008	14.8	69	0.00
14	T	Allyl chloride	50.000	53.369	-6.7	79	0.00
15	T	Acrylonitrile	250.000	283.330	-13.3	86	0.00
16	T	Acetone	250.000	249.998	0.0	77	0.00
17	T	Carbon Disulfide	50.000	45.089	9.8	65	0.00
18	T	Methyl Acetate	50.000	65.717	-31.4#	89	0.00
19	T	Methyl tert-butyl Ether	50.000	57.920	-15.8	85	0.00
20	T	Methylene Chloride	50.000	50.303	-0.6	76	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.353	-2.7	77	0.00
22	T	Diisopropyl ether	50.000	58.064	-16.1	84	0.00
23	T	Vinyl Acetate	250.000	272.346	-8.9	82	0.00
24	P	1,1-Dichloroethane	50.000	54.605	-9.2	82	0.00
25	T	2-Butanone	250.000	274.578	-9.8	83	0.00
26	T	2,2-Dichloropropane	50.000	50.882	-1.8	77	0.00
27	T	cis-1,2-Dichloroethene	50.000	55.902	-11.8	83	0.00
28	T	Bromochloromethane	50.000	56.142	-12.3	77	0.00
29	T	Tetrahydrofuran	250.000	292.008	-16.8	87	0.00
30	C	Chloroform	50.000	55.936	-11.9#	85	0.00
31	T	Cyclohexane	50.000	45.916	8.2	70	0.00
32	T	1,1,1-Trichloroethane	50.000	52.503	-5.0	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.274	3.5	75	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	46.278	7.4	75	0.00
36	T	1,1-Dichloropropene	50.000	49.329	1.3	77	0.00
37	T	Ethyl Acetate	50.000	53.412	-6.8	84	0.00
38	T	Carbon Tetrachloride	50.000	49.245	1.5	77	0.00
39	T	Methylcyclohexane	50.000	46.600	6.8	70	0.00
40	TM	Benzene	50.000	52.007	-4.0	81	0.00
41	T	Methacrylonitrile	50.000	60.137	-20.3	104	0.00
42	TM	1,2-Dichloroethane	50.000	54.266	-8.5	86	0.00
43	T	Isopropyl Acetate	50.000	54.238	-8.5	86	0.00
44	TM	Trichloroethene	50.000	50.684	-1.4	79	0.00
45	C	1,2-Dichloropropane	50.000	54.273	-8.5#	85	0.00
46	T	Dibromomethane	50.000	54.269	-8.5	85	0.00
47	T	Bromodichloromethane	50.000	54.682	-9.4	87	0.00
48	T	Methyl methacrylate	50.000	54.890	-9.8	83	0.00

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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	1168.578	-16.9	94	0.00
50	S	Toluene-d8	50.000	46.530	6.9	72	0.00
51	T	4-Methyl-2-Pentanone	250.000	283.968	-13.6	86	0.00
52	CM	Toluene	50.000	53.022	-6.0#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	54.285	-8.6	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.381	-8.8	84	0.00
55	T	1,1,2-Trichloroethane	50.000	54.408	-8.8	86	0.00
56	T	Ethyl methacrylate	50.000	58.926	-17.9	89	0.00
57	T	1,3-Dichloropropane	50.000	54.523	-9.0	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.434	-11.4	91	0.00
59	T	2-Hexanone	250.000	260.020	-4.0	84	0.00
60	T	Dibromochloromethane	50.000	55.408	-10.8	86	0.00
61	T	1,2-Dibromoethane	50.000	54.916	-9.8	85	0.00
62	S	4-Bromofluorobenzene	50.000	46.403	7.2	75	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	49.516	1.0	80	0.00
65	PM	Chlorobenzene	50.000	52.505	-5.0	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.998	-8.0	86	0.00
67	C	Ethyl Benzene	50.000	52.826	-5.7#	82	0.00
68	T	m/p-Xylenes	100.000	107.476	-7.5	83	0.00
69	T	o-Xylene	50.000	54.613	-9.2	84	0.00
70	T	Styrene	50.000	56.131	-12.3	84	0.00
71	P	Bromoform	50.000	55.000	-10.0	87	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	51.007	-2.0	82	0.00
74	T	N-amyl acetate	50.000	53.991	-8.0	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.372	-2.7	89	0.00
76	T	1,2,3-Trichloropropane	50.000	57.447	-14.9	87	0.00
77	T	Bromobenzene	50.000	50.361	-0.7	85	0.00
78	T	n-propylbenzene	50.000	50.435	-0.9	82	0.00
79	T	2-Chlorotoluene	50.000	51.266	-2.5	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.116	-4.2	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.269	-0.5	86	0.00
82	T	4-Chlorotoluene	50.000	51.644	-3.3	86	0.00
83	T	tert-Butylbenzene	50.000	51.275	-2.5	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.061	-6.1	86	0.00
85	T	sec-Butylbenzene	50.000	50.752	-1.5	82	0.00
86	T	p-Isopropyltoluene	50.000	51.664	-3.3	82	0.00
87	T	1,3-Dichlorobenzene	50.000	50.917	-1.8	85	0.00
88	T	1,4-Dichlorobenzene	50.000	51.101	-2.2	87	0.00
89	T	n-Butylbenzene	50.000	50.974	-1.9	82	0.00
90	T	Hexachloroethane	50.000	49.579	0.8	83	0.00
91	T	1,2-Dichlorobenzene	50.000	51.951	-3.9	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.959	-5.9	95	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.110	-8.2	86	0.00
94	T	Hexachlorobutadiene	50.000	49.103	1.8	82	0.00
95	T	Naphthalene	50.000	56.221	-12.4	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	55.297	-10.6	89	0.00

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