Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101322\
Data File : VY010950.D
Acq On : 13 Oct 2022 11:06
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
LabSampleId :
VSTDCCC050

Quant Time: Oct 14 02:09:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
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	96	0.00
2	T	Dichlorodifluoromethane	50.000	51.249	-2.5	97	0.00
3	P	Chloromethane	50.000	45.295	9.4	88	0.00
4	C	Vinyl Chloride	50.000	43.582	12.8#	83	0.00
5	T	Bromomethane	50.000	40.436	19.1	82	0.00
6	T	Chloroethane	50.000	43.140	13.7	83	0.00
7	T	Trichlorofluoromethane	50.000	50.088	-0.2	98	0.00
8	T	Diethyl Ether	50.000	55.077	-10.2	107	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.761	-7.5	105	0.00
10	T	Methyl Iodide	50.000	51.065	-2.1	94	0.00
11	T	Tert butyl alcohol	250.000	258.637	-3.5	98	0.00
12	CM	1,1-Dichloroethene	50.000	52.534	-5.1#	102	0.00
13	T	Acrolein	250.000	175.179	29.9#	72	0.00
14	T	Allyl chloride	50.000	57.555	-15.1	110	0.00
15	T	Acrylonitrile	250.000	293.271	-17.3	115	0.00
16	T	Acetone	250.000	285.543	-14.2	101	0.00
17	T	Carbon Disulfide	50.000	47.993	4.0	93	0.00
18	T	Methyl Acetate	50.000	56.540	-13.1	117	0.00
19	T	Methyl tert-butyl Ether	50.000	55.059	-10.1	106	0.00
20	T	Methylene Chloride	50.000	53.903	-7.8	102	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.376	-4.8	102	0.00
22	T	Diisopropyl ether	50.000	57.505	-15.0	109	0.00
23	T	Vinyl Acetate	250.000	287.169	-14.9	107	0.00
24	P	1,1-Dichloroethane	50.000	56.026	-12.1	109	0.00
25	T	2-Butanone	250.000	275.591	-10.2	102	0.00
26	T	2,2-Dichloropropane	50.000	51.592	-3.2	102	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.478	-9.0	104	0.00
28	T	Bromochloromethane	50.000	56.554	-13.1	107	0.00
29	T	Tetrahydrofuran	250.000	288.751	-15.5	112	0.00
30	C	Chloroform	50.000	54.837	-9.7#	106	0.00
31	T	Cyclohexane	50.000	49.406	1.2	99	0.00
32	T	1,1,1-Trichloroethane	50.000	53.206	-6.4	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.919	4.2	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	45.516	9.0	95	0.00
36	T	1,1-Dichloropropene	50.000	52.220	-4.4	100	0.00
37	T	Ethyl Acetate	50.000	56.851	-13.7	110	0.00
38	T	Carbon Tetrachloride	50.000	52.103	-4.2	101	0.00
39	T	Methylcyclohexane	50.000	50.691	-1.4	95	0.00
40	TM	Benzene	50.000	53.312	-6.6	103	0.00
41	T	Methacrylonitrile	50.000	47.707	4.6	102	0.00
42	TM	1,2-Dichloroethane	50.000	52.449	-4.9	102	0.00
43	T	Isopropyl Acetate	50.000	54.790	-9.6	106	0.00
44	TM	Trichloroethene	50.000	52.041	-4.1	100	0.00
45	C	1,2-Dichloropropane	50.000	56.581	-13.2#	109	0.00
46	T	Dibromomethane	50.000	54.135	-8.3	106	0.00
47	T	Bromodichloromethane	50.000	55.290	-10.6	107	0.00
48	T	Methyl methacrylate	50.000	55.930	-11.9	106	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	1173.543	-17.4	109	0.00
50	S	Toluene-d8	50.000	50.200	-0.4	89	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.892	-13.2	107	0.00
52	CM	Toluene	50.000	53.125	-6.3#	101	0.00
53	T	t-1,3-Dichloropropene	50.000	54.059	-8.1	102	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.199	-10.4	106	0.00
55	T	1,1,2-Trichloroethane	50.000	54.603	-9.2	107	0.00
56	T	Ethyl methacrylate	50.000	56.803	-13.6	106	0.00
57	T	1,3-Dichloropropane	50.000	55.321	-10.6	107	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	286.796	-14.7	114	0.00
59	T	2-Hexanone	250.000	289.145	-15.7	103	0.00
60	T	Dibromochloromethane	50.000	54.937	-9.9	105	0.00
61	T	1,2-Dibromoethane	50.000	53.668	-7.3	105	0.00
62	S	4-Bromofluorobenzene	50.000	43.866	12.3	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	52.011	-4.0	100	0.00
65	PM	Chlorobenzene	50.000	53.303	-6.6	102	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.018	-8.0	102	0.00
67	C	Ethyl Benzene	50.000	54.134	-8.3#	101	0.00
68	T	m/p-Xylenes	100.000	105.937	-5.9	99	0.00
69	T	o-Xylene	50.000	53.698	-7.4	100	0.00
70	T	Styrene	50.000	54.367	-8.7	100	0.00
71	P	Bromoform	50.000	54.310	-8.6	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	54.028	-8.1	100	0.00
74	T	N-amyl acetate	50.000	56.685	-13.4	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.964	-11.9	109	0.00
76	T	1,2,3-Trichloropropane	50.000	56.658	-13.3	107	0.00
77	T	Bromobenzene	50.000	52.953	-5.9	100	0.00
78	T	n-propylbenzene	50.000	54.122	-8.2	100	0.00
79	T	2-Chlorotoluene	50.000	53.823	-7.6	101	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.450	-6.9	99	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.931	-13.9	107	0.00
82	T	4-Chlorotoluene	50.000	53.509	-7.0	100	0.00
83	T	tert-Butylbenzene	50.000	53.773	-7.5	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.837	-7.7	98	0.00
85	T	sec-Butylbenzene	50.000	54.008	-8.0	98	0.00
86	T	p-Isopropyltoluene	50.000	53.578	-7.2	97	0.00
87	T	1,3-Dichlorobenzene	50.000	52.263	-4.5	98	0.00
88	T	1,4-Dichlorobenzene	50.000	52.056	-4.1	98	0.00
89	T	n-Butylbenzene	50.000	54.527	-9.1	98	0.00
90	T	Hexachloroethane	50.000	53.723	-7.4	102	0.00
91	T	1,2-Dichlorobenzene	50.000	53.124	-6.2	99	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.689	-7.4	104	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.764	-5.5	100	0.00
94	T	Hexachlorobutadiene	50.000	50.794	-1.6	98	0.00
95	T	Naphthalene	50.000	56.003	-12.0	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.213	-6.4	100	0.00

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