Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021023\
Data File : VD075305.D
Acq On : 10 Feb 2023 11:13
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 10 12:20:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
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	80	0.00
2	T	Dichlorodifluoromethane	50.000	49.418	1.2	78	0.00
3	P	Chloromethane	50.000	50.053	-0.1	79	0.00
4	C	Vinyl Chloride	50.000	46.176	7.6#	77	0.00
5	T	Bromomethane	50.000	48.804	2.4	91	0.00
6	T	Chloroethane	50.000	47.995	4.0	83	0.00
7	T	Trichlorofluoromethane	50.000	48.745	2.5	82	0.00
8	T	Diethyl Ether	50.000	53.079	-6.2	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.797	-1.6	82	0.00
10	T	Methyl Iodide	50.000	47.190	5.6	75	0.00
11	T	Tert butyl alcohol	250.000	261.256	-4.5	95	0.02
12	CM	1,1-Dichloroethene	50.000	50.383	-0.8#	83	0.00
13	T	Acrolein	250.000	191.854	23.3	73	-0.01
14	T	Allyl chloride	50.000	51.181	-2.4	86	0.00
15	T	Acrylonitrile	250.000	280.034	-12.0	90	0.00
16	T	Acetone	250.000	292.217	-16.9	87	0.00
17	T	Carbon Disulfide	50.000	46.937	6.1	80	0.00
18	T	Methyl Acetate	50.000	54.516	-9.0	90	0.00
19	T	Methyl tert-butyl Ether	50.000	55.309	-10.6	89	-0.01
20	T	Methylene Chloride	50.000	57.939	-15.9	88	-0.01
21	T	trans-1,2-Dichloroethene	50.000	52.244	-4.5	84	0.00
22	T	Diisopropyl ether	50.000	55.823	-11.6	88	0.00
23	T	Vinyl Acetate	250.000	334.256	-33.7#	116	0.00
24	P	1,1-Dichloroethane	50.000	53.928	-7.9	88	0.00
25	T	2-Butanone	250.000	278.606	-11.4	88	0.00
26	T	2,2-Dichloropropane	50.000	52.321	-4.6	84	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.270	-6.5	87	0.00
28	T	Bromochloromethane	50.000	57.981	-16.0	93	0.00
29	T	Tetrahydrofuran	250.000	287.489	-15.0	91	0.00
30	C	Chloroform	50.000	55.998	-12.0#	92	0.00
31	T	Cyclohexane	50.000	46.875	6.3	80	0.00
32	T	1,1,1-Trichloroethane	50.000	52.563	-5.1	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.222	-12.4	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	52.722	-5.4	91	0.00
36	T	1,1-Dichloropropene	50.000	49.482	1.0	82	0.00
37	T	Ethyl Acetate	50.000	54.976	-10.0	99	-0.01
38	T	Carbon Tetrachloride	50.000	52.282	-4.6	86	0.00
39	T	Methylcyclohexane	50.000	48.940	2.1	78	0.00
40	TM	Benzene	50.000	51.549	-3.1	86	0.00
41	T	Methacrylonitrile	50.000	51.610	-3.2	94	0.00
42	TM	1,2-Dichloroethane	50.000	53.786	-7.6	90	0.00
43	T	Isopropyl Acetate	50.000	52.966	-5.9	90	0.00
44	TM	Trichloroethene	50.000	49.910	0.2	83	0.00
45	C	1,2-Dichloropropane	50.000	52.702	-5.4#	88	0.00
46	T	Dibromomethane	50.000	53.334	-6.7	91	0.00
47	T	Bromodichloromethane	50.000	54.456	-8.9	90	0.00
48	T	Methyl methacrylate	50.000	53.120	-6.2	85	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	932.908	6.7	75	0.00
50	S	Toluene-d8	50.000	50.977	-2.0	88	0.00
51	T	4-Methyl-2-Pentanone	250.000	278.395	-11.4	90	0.00
52	CM	Toluene	50.000	52.531	-5.1#	85	0.00
53	T	t-1,3-Dichloropropene	50.000	58.385	-16.8	94	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.947	-13.9	92	0.00
55	T	1,1,2-Trichloroethane	50.000	55.085	-10.2	89	0.00
56	T	Ethyl methacrylate	50.000	56.396	-12.8	89	0.00
57	T	1,3-Dichloropropane	50.000	56.084	-12.2	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	315.097	-26.0#	118	0.00
59	T	2-Hexanone	250.000	282.301	-12.9	89	0.00
60	T	Dibromochloromethane	50.000	55.810	-11.6	90	0.00
61	T	1,2-Dibromoethane	50.000	52.717	-5.4	87	0.00
62	S	4-Bromofluorobenzene	50.000	51.704	-3.4	88	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	86	0.00
64	T	Tetrachloroethene	50.000	48.094	3.8	84	0.00
65	PM	Chlorobenzene	50.000	50.758	-1.5	88	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.544	-7.1	89	0.00
67	C	Ethyl Benzene	50.000	51.340	-2.7#	86	0.00
68	T	m/p-Xylenes	100.000	105.212	-5.2	87	0.00
69	T	o-Xylene	50.000	51.401	-2.8	86	0.00
70	T	Styrene	50.000	54.551	-9.1	92	0.00
71	P	Bromoform	50.000	53.857	-7.7	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	88	0.00
73	T	Isopropylbenzene	50.000	50.166	-0.3	86	0.00
74	T	N-amyl acetate	50.000	54.052	-8.1	94	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.284	-4.6	93	0.00
76	T	1,2,3-Trichloropropane	50.000	51.046	-2.1	98	0.00
77	T	Bromobenzene	50.000	50.607	-1.2	88	0.00
78	T	n-propylbenzene	50.000	49.983	0.0	84	0.00
79	T	2-Chlorotoluene	50.000	51.076	-2.2	89	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.794	-3.6	87	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.752	-17.5	109	0.00
82	T	4-Chlorotoluene	50.000	50.486	-1.0	87	0.00
83	T	tert-Butylbenzene	50.000	49.473	1.1	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.584	-1.2	86	0.00
85	T	sec-Butylbenzene	50.000	50.346	-0.7	86	0.00
86	T	p-Isopropyltoluene	50.000	51.868	-3.7	86	0.00
87	T	1,3-Dichlorobenzene	50.000	51.257	-2.5	89	0.00
88	T	1,4-Dichlorobenzene	50.000	50.576	-1.2	89	0.00
89	T	n-Butylbenzene	50.000	50.414	-0.8	85	0.00
90	T	Hexachloroethane	50.000	50.867	-1.7	88	0.00
91	T	1,2-Dichlorobenzene	50.000	51.775	-3.5	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.790	-7.6	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.443	1.1	86	0.00
94	T	Hexachlorobutadiene	50.000	48.433	3.1	81	0.00
95	T	Naphthalene	50.000	51.459	-2.9	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.906	-3.8	89	0.00

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