Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012623\
Data File : VD075207.D
Acq On : 26 Jan 2023 12:50
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 27 00:23:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 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	76	0.00
2	T	Dichlorodifluoromethane	50.000	50.285	-0.6	82	0.00
3	P	Chloromethane	50.000	48.917	2.2	79	0.00
4	C	Vinyl Chloride	50.000	48.513	3.0#	78	0.00
5	T	Bromomethane	50.000	47.629	4.7	76	0.00
6	T	Chloroethane	50.000	48.265	3.5	75	0.00
7	T	Trichlorofluoromethane	50.000	52.077	-4.2	82	0.00
8	T	Diethyl Ether	50.000	49.988	0.0	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.420	-6.8	86	0.00
10	T	Methyl Iodide	50.000	49.750	0.5	69	0.00
11	T	Tert butyl alcohol	250.000	262.145	-4.9	85	0.00
12	CM	1,1-Dichloroethene	50.000	50.694	-1.4#	79	0.00
13	T	Acrolein	250.000	298.651	-19.5	89	0.00
14	T	Allyl chloride	50.000	50.011	-0.0	73	0.00
15	T	Acrylonitrile	250.000	270.261	-8.1	76	0.01
16	T	Acetone	250.000	288.109	-15.2	74	0.00
17	T	Carbon Disulfide	50.000	48.543	2.9	75	0.00
18	T	Methyl Acetate	50.000	53.833	-7.7	78	0.00
19	T	Methyl tert-butyl Ether	50.000	53.846	-7.7	76	0.00
20	T	Methylene Chloride	50.000	49.376	1.2	66	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.292	-2.6	76	0.00
22	T	Diisopropyl ether	50.000	52.747	-5.5	76	0.00
23	T	Vinyl Acetate	250.000	264.833	-5.9	78	0.00
24	P	1,1-Dichloroethane	50.000	52.139	-4.3	78	0.00
25	T	2-Butanone	250.000	274.057	-9.6	74	0.00
26	T	2,2-Dichloropropane	50.000	50.862	-1.7	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.070	-6.1	77	0.00
28	T	Bromochloromethane	50.000	51.999	-4.0	79	0.00
29	T	Tetrahydrofuran	250.000	271.234	-8.5	76	0.00
30	C	Chloroform	50.000	52.719	-5.4#	78	0.00
31	T	Cyclohexane	50.000	48.793	2.4	81	0.00
32	T	1,1,1-Trichloroethane	50.000	52.737	-5.5	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.589	-9.2	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	53.820	-7.6	76	0.00
36	T	1,1-Dichloropropene	50.000	53.031	-6.1	82	0.00
37	T	Ethyl Acetate	50.000	55.021	-10.0	80	0.00
38	T	Carbon Tetrachloride	50.000	54.401	-8.8	82	0.00
39	T	Methylcyclohexane	50.000	50.789	-1.6	80	0.00
40	TM	Benzene	50.000	52.860	-5.7	77	0.00
41	T	Methacrylonitrile	50.000	56.945	-13.9	88	0.00
42	TM	1,2-Dichloroethane	50.000	54.762	-9.5	78	0.00
43	T	Isopropyl Acetate	50.000	53.699	-7.4	77	0.00
44	TM	Trichloroethene	50.000	51.523	-3.0	75	0.00
45	C	1,2-Dichloropropane	50.000	53.711	-7.4#	78	0.00
46	T	Dibromomethane	50.000	53.632	-7.3	76	0.00
47	T	Bromodichloromethane	50.000	54.636	-9.3	78	0.00
48	T	Methyl methacrylate	50.000	52.532	-5.1	78	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1118.409	-11.8	81	0.00
50	S	Toluene-d8	50.000	52.446	-4.9	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	275.602	-10.2	79	0.00
52	CM	Toluene	50.000	52.557	-5.1#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	53.255	-6.5	76	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.652	-7.3	75	0.00
55	T	1,1,2-Trichloroethane	50.000	54.609	-9.2	77	0.00
56	T	Ethyl methacrylate	50.000	53.070	-6.1	73	0.00
57	T	1,3-Dichloropropane	50.000	55.562	-11.1	77	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	249.065	0.4	76	0.00
59	T	2-Hexanone	250.000	277.383	-11.0	77	0.00
60	T	Dibromochloromethane	50.000	53.494	-7.0	75	0.00
61	T	1,2-Dibromoethane	50.000	54.260	-8.5	77	0.00
62	S	4-Bromofluorobenzene	50.000	53.157	-6.3	76	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64	T	Tetrachloroethene	50.000	51.713	-3.4	77	0.00
65	PM	Chlorobenzene	50.000	53.950	-7.9	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.640	-9.3	79	0.00
67	C	Ethyl Benzene	50.000	54.365	-8.7#	79	0.00
68	T	m/p-Xylenes	100.000	109.017	-9.0	79	0.00
69	T	o-Xylene	50.000	54.889	-9.8	77	0.00
70	T	Styrene	50.000	55.607	-11.2	78	0.00
71	P	Bromoform	50.000	56.805	-13.6	78	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	50.927	-1.9	80	0.00
74	T	N-amyl acetate	50.000	49.021	2.0	75	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.074	-4.1	78	0.00
76	T	1,2,3-Trichloropropane	50.000	62.848	-25.7#	103	0.00
77	T	Bromobenzene	50.000	48.727	2.5	73	0.00
78	T	n-propylbenzene	50.000	50.981	-2.0	80	0.00
79	T	2-Chlorotoluene	50.000	50.424	-0.8	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.623	-3.2	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.574	-5.1	81	0.00
82	T	4-Chlorotoluene	50.000	51.130	-2.3	80	0.00
83	T	tert-Butylbenzene	50.000	52.201	-4.4	82	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.978	-2.0	79	0.00
85	T	sec-Butylbenzene	50.000	51.478	-3.0	82	0.00
86	T	p-Isopropyltoluene	50.000	51.823	-3.6	81	0.00
87	T	1,3-Dichlorobenzene	50.000	50.437	-0.9	77	0.00
88	T	1,4-Dichlorobenzene	50.000	51.214	-2.4	79	0.00
89	T	n-Butylbenzene	50.000	51.384	-2.8	81	0.00
90	T	Hexachloroethane	50.000	52.309	-4.6	84	0.00
91	T	1,2-Dichlorobenzene	50.000	50.851	-1.7	76	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.869	-3.7	75	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.371	-0.7	76	0.00
94	T	Hexachlorobutadiene	50.000	50.120	-0.2	78	0.00
95	T	Naphthalene	50.000	47.165	5.7	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.931	0.1	75	0.00

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