Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121121\
Data File : VD071263.D
Acq On : 11 Dec 2021 11:20
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Dec 12 17:49:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
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	-0.01
2	T	Dichlorodifluoromethane	50.000	43.481	13.0	72	0.00
3	P	Chloromethane	50.000	52.005	-4.0	84	0.00
4	C	Vinyl Chloride	50.000	55.684	-11.4#	86	0.00
5	T	Bromomethane	50.000	53.949	-7.9	87	-0.01
6	T	Chloroethane	50.000	57.805	-15.6	87	0.00
7	T	Trichlorofluoromethane	50.000	49.487	1.0	76	0.00
8	T	Diethyl Ether	50.000	50.692	-1.4	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.825	-1.7	78	0.00
10	T	Methyl Iodide	50.000	42.107	15.8	66	0.00
11	T	Tert butyl alcohol	250.000	284.054	-13.6	86	-0.02
12	CM	1,1-Dichloroethene	50.000	47.881	4.2#	75	0.00
13	T	Acrolein	250.000	170.662	31.7#	61	0.00
14	T	Allyl chloride	50.000	50.897	-1.8	77	0.00
15	T	Acrylonitrile	250.000	280.348	-12.1	89	0.00
16	T	Acetone	250.000	264.290	-5.7	94	0.00
17	T	Carbon Disulfide	50.000	43.374	13.3	68	0.00
18	T	Methyl Acetate	50.000	54.413	-8.8	93	0.00
19	T	Methyl tert-butyl Ether	50.000	52.706	-5.4	82	0.00
20	T	Methylene Chloride	50.000	50.246	-0.5	79	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.018	-2.0	77	0.00
22	T	Diisopropyl ether	50.000	54.192	-8.4	81	0.00
23	T	Vinyl Acetate	250.000	245.325	1.9	84	0.00
24	P	1,1-Dichloroethane	50.000	52.670	-5.3	78	0.00
25	T	2-Butanone	250.000	254.191	-1.7	91	-0.01
26	T	2,2-Dichloropropane	50.000	48.726	2.5	73	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.034	-6.1	78	0.00
28	T	Bromochloromethane	50.000	52.516	-5.0	80	0.00
29	T	Tetrahydrofuran	250.000	283.875	-13.6	94	0.00
30	C	Chloroform	50.000	54.185	-8.4#	81	0.00
31	T	Cyclohexane	50.000	45.596	8.8	74	0.00
32	T	1,1,1-Trichloroethane	50.000	52.942	-5.9	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.568	0.9	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	75	0.00
35	S	Dibromofluoromethane	50.000	50.358	-0.7	79	-0.01
36	T	1,1-Dichloropropene	50.000	51.344	-2.7	76	0.00
37	T	Ethyl Acetate	50.000	54.674	-9.3	92	0.00
38	T	Carbon Tetrachloride	50.000	54.286	-8.6	80	0.00
39	T	Methylcyclohexane	50.000	47.433	5.1	71	0.00
40	TM	Benzene	50.000	52.300	-4.6	78	0.00
41	T	Methacrylonitrile	50.000	64.391	-28.8#	99	0.00
42	TM	1,2-Dichloroethane	50.000	55.942	-11.9	85	0.00
43	T	Isopropyl Acetate	50.000	50.149	-0.3	87	0.00
44	TM	Trichloroethene	50.000	51.416	-2.8	76	0.00
45	C	1,2-Dichloropropane	50.000	54.441	-8.9#	80	0.00
46	T	Dibromomethane	50.000	54.692	-9.4	84	0.00
47	T	Bromodichloromethane	50.000	55.582	-11.2	83	0.00
48	T	Methyl methacrylate	50.000	53.549	-7.1	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	1241.853	-24.2	96	0.00
50	S	Toluene-d8	50.000	46.924	6.2	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	257.239	-2.9	93	0.00
52	CM	Toluene	50.000	53.263	-6.5#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	55.299	-10.6	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.184	-6.4	78	0.00
55	T	1,1,2-Trichloroethane	50.000	55.923	-11.8	87	0.00
56	T	Ethyl methacrylate	50.000	49.408	1.2	88	0.00
57	T	1,3-Dichloropropane	50.000	56.919	-13.8	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	268.793	-7.5	89	0.00
59	T	2-Hexanone	250.000	252.933	-1.2	92	0.00
60	T	Dibromochloromethane	50.000	57.427	-14.9	87	0.00
61	T	1,2-Dibromoethane	50.000	55.832	-11.7	86	0.00
62	S	4-Bromofluorobenzene	50.000	50.834	-1.7	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	48.779	2.4	75	0.00
65	PM	Chlorobenzene	50.000	52.596	-5.2	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.360	-10.7	85	0.00
67	C	Ethyl Benzene	50.000	52.739	-5.5#	79	0.00
68	T	m/p-Xylenes	100.000	105.713	-5.7	79	0.00
69	T	o-Xylene	50.000	53.048	-6.1	80	0.00
70	T	Styrene	50.000	54.301	-8.6	81	0.00
71	P	Bromoform	50.000	57.278	-14.6	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	49.238	1.5	80	0.00
74	T	N-amyl acetate	50.000	46.087	7.8	88	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.978	-8.0	91	0.00
76	T	1,2,3-Trichloropropane	50.000	58.049	-16.1	108	0.00
77	T	Bromobenzene	50.000	49.185	1.6	81	0.00
78	T	n-propylbenzene	50.000	49.856	0.3	80	0.00
79	T	2-Chlorotoluene	50.000	48.611	2.8	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.542	0.9	80	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.701	8.6	88	0.00
82	T	4-Chlorotoluene	50.000	48.995	2.0	80	0.00
83	T	tert-Butylbenzene	50.000	49.838	0.3	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.596	-1.2	81	0.00
85	T	sec-Butylbenzene	50.000	50.086	-0.2	81	0.00
86	T	p-Isopropyltoluene	50.000	51.203	-2.4	82	0.00
87	T	1,3-Dichlorobenzene	50.000	51.444	-2.9	83	0.00
88	T	1,4-Dichlorobenzene	50.000	51.433	-2.9	85	0.00
89	T	n-Butylbenzene	50.000	50.216	-0.4	79	0.00
90	T	Hexachloroethane	50.000	52.304	-4.6	83	0.00
91	T	1,2-Dichlorobenzene	50.000	51.707	-3.4	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.672	-1.3	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	50.648	-1.3	81	0.00
94	T	Hexachlorobutadiene	50.000	48.405	3.2	77	0.00
95	T	Naphthalene	50.000	53.105	-6.2	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.759	-3.5	84	0.00

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