Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
Data File : VD070076.D
Acq On : 16 Aug 2021 19:40
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
LabSampleId : VSTDCCC050

Quant Time: Aug 17 03:57:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	43.894	12.2	74	0.00
3	P	Chloromethane	50.000	50.564	-1.1	82	0.00
4	C	Vinyl Chloride	50.000	43.928	12.1#	80	0.00
5	T	Bromomethane	50.000	49.915	0.2	82	0.00
6	T	Chloroethane	50.000	45.782	8.4	81	0.00
7	T	Trichlorofluoromethane	50.000	43.372	13.3	77	0.00
8	T	Diethyl Ether	50.000	49.235	1.5	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	42.983	14.0	77	0.00
10	T	Methyl Iodide	50.000	46.792	6.4	72	0.00
11	T	Tert butyl alcohol	250.000	227.046	9.2	81	0.00
12	CM	1,1-Dichloroethene	50.000	46.192	7.6#	79	0.00
13	T	Acrolein	250.000	210.956	15.6	70	0.00
14	T	Allyl chloride	50.000	48.423	3.2	78	0.00
15	T	Acrylonitrile	250.000	253.749	-1.5	82	0.00
16	T	Acetone	250.000	221.683	11.3	74	0.00
17	T	Carbon Disulfide	50.000	45.508	9.0	78	0.00
18	T	Methyl Acetate	50.000	57.302	-14.6	94	0.00
19	T	Methyl tert-butyl Ether	50.000	51.530	-3.1	80	0.00
20	T	Methylene Chloride	50.000	58.788	-17.6	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.196	3.6	80	0.00
22	T	Diisopropyl ether	50.000	54.334	-8.7	84	0.00
23	T	Vinyl Acetate	250.000	268.122	-7.2	80	0.00
24	P	1,1-Dichloroethane	50.000	49.547	0.9	84	0.00
25	T	2-Butanone	250.000	258.756	-3.5	82	0.00
26	T	2,2-Dichloropropane	50.000	45.118	9.8	75	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.460	-2.9	84	0.00
28	T	Bromochloromethane	50.000	53.552	-7.1	96	0.00
29	T	Tetrahydrofuran	250.000	270.242	-8.1	84	0.00
30	C	Chloroform	50.000	46.250	7.5#	78	0.00
31	T	Cyclohexane	50.000	41.561	16.9	71	0.00
32	T	1,1,1-Trichloroethane	50.000	48.520	3.0	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.025	-8.0	91	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	52.984	-6.0	91	0.00
36	T	1,1-Dichloropropene	50.000	42.810	14.4	73	0.00
37	T	Ethyl Acetate	50.000	50.924	-1.8	82	0.00
38	T	Carbon Tetrachloride	50.000	42.636	14.7	74	0.00
39	T	Methylcyclohexane	50.000	42.358	15.3	71	0.00
40	TM	Benzene	50.000	49.072	1.9	84	0.00
41	T	Methacrylonitrile	50.000	56.591	-13.2	99	0.00
42	TM	1,2-Dichloroethane	50.000	49.780	0.4	86	0.00
43	T	Isopropyl Acetate	50.000	49.743	0.5	84	0.00
44	TM	Trichloroethene	50.000	46.809	6.4	82	0.00
45	C	1,2-Dichloropropane	50.000	45.498	9.0#	78	0.00
46	T	Dibromomethane	50.000	49.849	0.3	86	0.00
47	T	Bromodichloromethane	50.000	49.463	1.1	85	0.00
48	T	Methyl methacrylate	50.000	49.173	1.7	79	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	1041.727	-4.2	84	0.00
50	S	Toluene-d8	50.000	53.578	-7.2	90	0.00
51	T	4-Methyl-2-Pentanone	250.000	262.987	-5.2	84	0.00
52	CM	Toluene	50.000	49.295	1.4#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	47.775	4.5	80	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.984	6.0	81	0.00
55	T	1,1,2-Trichloroethane	50.000	46.271	7.5	79	0.00
56	T	Ethyl methacrylate	50.000	53.141	-6.3	84	0.00
57	T	1,3-Dichloropropane	50.000	51.074	-2.1	86	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	305.223	-22.1	92	0.00
59	T	2-Hexanone	250.000	264.947	-6.0	83	0.00
60	T	Dibromochloromethane	50.000	50.477	-1.0	87	0.00
61	T	1,2-Dibromoethane	50.000	51.278	-2.6	86	0.00
62	S	4-Bromofluorobenzene	50.000	54.438	-8.9	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	45.202	9.6	83	0.00
65	PM	Chlorobenzene	50.000	47.411	5.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	47.363	5.3	85	0.00
67	C	Ethyl Benzene	50.000	48.528	2.9#	83	0.00
68	T	m/p-Xylenes	100.000	98.471	1.5	84	0.00
69	T	o-Xylene	50.000	49.797	0.4	84	0.00
70	T	Styrene	50.000	51.473	-2.9	85	0.00
71	P	Bromoform	50.000	48.350	3.3	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	90	0.00
73	T	Isopropylbenzene	50.000	48.012	4.0	82	0.00
74	T	N-amyl acetate	50.000	47.545	4.9	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	48.131	3.7	88	0.00
76	T	1,2,3-Trichloropropane	50.000	45.246	9.5	85	0.00
77	T	Bromobenzene	50.000	48.138	3.7	85	0.00
78	T	n-propylbenzene	50.000	47.931	4.1	81	0.00
79	T	2-Chlorotoluene	50.000	48.239	3.5	84	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.237	1.5	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.774	8.5	75	0.00
82	T	4-Chlorotoluene	50.000	48.567	2.9	84	0.00
83	T	tert-Butylbenzene	50.000	48.665	2.7	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.594	0.8	84	0.00
85	T	sec-Butylbenzene	50.000	47.349	5.3	81	0.00
86	T	p-Isopropyltoluene	50.000	48.136	3.7	81	0.00
87	T	1,3-Dichlorobenzene	50.000	46.664	6.7	83	0.00
88	T	1,4-Dichlorobenzene	50.000	46.800	6.4	84	0.00
89	T	n-Butylbenzene	50.000	46.925	6.2	79	0.00
90	T	Hexachloroethane	50.000	45.947	8.1	84	0.00
91	T	1,2-Dichlorobenzene	50.000	48.266	3.5	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.774	10.5	83	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.975	6.0	82	0.00
94	T	Hexachlorobutadiene	50.000	43.849	12.3	78	0.00
95	T	Naphthalene	50.000	49.977	0.0	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.143	3.7	83	0.00

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