Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
Data File : VD072091.D
Acq On : 25 Feb 2022 10:06
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: Feb 26 05:39:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 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	92	0.00
2	T	Dichlorodifluoromethane	50.000	42.329	15.3	85	0.00
3	P	Chloromethane	50.000	48.576	2.8	93	0.00
4	C	Vinyl Chloride	50.000	46.383	7.2#	92	0.00
5	T	Bromomethane	50.000	48.664	2.7	91	0.00
6	T	Chloroethane	50.000	47.287	5.4	91	0.00
7	T	Trichlorofluoromethane	50.000	46.240	7.5	90	0.00
8	T	Diethyl Ether	50.000	45.623	8.8	86	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.649	10.7	85	0.00
10	T	Methyl Iodide	50.000	39.626	20.7	71	0.00
11	T	Tert butyl alcohol	250.000	226.199	9.5	94	0.00
12	CM	1,1-Dichloroethene	50.000	46.511	7.0#	88	0.00
13	T	Acrolein	250.000	184.250	26.3#	78	0.00
14	T	Allyl chloride	50.000	45.432	9.1	84	0.00
15	T	Acrylonitrile	250.000	222.087	11.2	85	0.00
16	T	Acetone	250.000	233.856	6.5	91	0.00
17	T	Carbon Disulfide	50.000	44.965	10.1	81	0.00
18	T	Methyl Acetate	50.000	42.239	15.5	85	0.00
19	T	Methyl tert-butyl Ether	50.000	48.309	3.4	89	0.00
20	T	Methylene Chloride	50.000	45.174	9.7	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.947	4.1	89	0.00
22	T	Diisopropyl ether	50.000	47.851	4.3	88	0.00
23	T	Vinyl Acetate	250.000	250.732	-0.3	87	0.00
24	P	1,1-Dichloroethane	50.000	47.359	5.3	90	0.00
25	T	2-Butanone	250.000	228.906	8.4	88	0.00
26	T	2,2-Dichloropropane	50.000	49.907	0.2	95	0.00
27	T	cis-1,2-Dichloroethene	50.000	48.374	3.3	89	0.00
28	T	Bromochloromethane	50.000	46.880	6.2	85	0.00
29	T	Tetrahydrofuran	250.000	223.903	10.4	86	0.00
30	C	Chloroform	50.000	48.384	3.2#	92	0.00
31	T	Cyclohexane	50.000	43.332	13.3	84	0.00
32	T	1,1,1-Trichloroethane	50.000	48.894	2.2	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.934	0.1	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	50.762	-1.5	86	0.00
36	T	1,1-Dichloropropene	50.000	48.662	2.7	90	0.00
37	T	Ethyl Acetate	50.000	43.984	12.0	84	0.00
38	T	Carbon Tetrachloride	50.000	50.547	-1.1	94	0.00
39	T	Methylcyclohexane	50.000	46.925	6.2	84	0.00
40	TM	Benzene	50.000	48.819	2.4	89	0.00
41	T	Methacrylonitrile	50.000	44.181	11.6	89	0.00
42	TM	1,2-Dichloroethane	50.000	48.190	3.6	91	0.00
43	T	Isopropyl Acetate	50.000	45.915	8.2	86	0.00
44	TM	Trichloroethene	50.000	48.640	2.7	91	0.00
45	C	1,2-Dichloropropane	50.000	47.199	5.6#	88	0.00
46	T	Dibromomethane	50.000	46.692	6.6	89	0.00
47	T	Bromodichloromethane	50.000	48.192	3.6	90	0.00
48	T	Methyl methacrylate	50.000	45.624	8.8	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	928.627	7.1	89	0.00
50	S	Toluene-d8	50.000	52.991	-6.0	85	0.00
51	T	4-Methyl-2-Pentanone	250.000	232.574	7.0	86	0.00
52	CM	Toluene	50.000	49.812	0.4#	90	0.00
53	T	t-1,3-Dichloropropene	50.000	50.760	-1.5	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.957	2.1	90	0.00
55	T	1,1,2-Trichloroethane	50.000	49.043	1.9	91	0.00
56	T	Ethyl methacrylate	50.000	49.412	1.2	89	0.00
57	T	1,3-Dichloropropane	50.000	47.784	4.4	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.131	3.9	91	0.00
59	T	2-Hexanone	250.000	241.325	3.5	90	0.00
60	T	Dibromochloromethane	50.000	48.589	2.8	91	0.00
61	T	1,2-Dibromoethane	50.000	47.162	5.7	90	0.00
62	S	4-Bromofluorobenzene	50.000	50.719	-1.4	86	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
64	T	Tetrachloroethene	50.000	51.054	-2.1	94	0.00
65	PM	Chlorobenzene	50.000	49.732	0.5	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.832	0.3	92	0.00
67	C	Ethyl Benzene	50.000	51.228	-2.5#	91	0.00
68	T	m/p-Xylenes	100.000	104.629	-4.6	92	0.00
69	T	o-Xylene	50.000	51.717	-3.4	91	0.00
70	T	Styrene	50.000	52.157	-4.3	91	0.00
71	P	Bromoform	50.000	48.494	3.0	94	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	50.462	-0.9	92	0.00
74	T	N-amyl acetate	50.000	45.606	8.8	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.637	10.7	89	0.00
76	T	1,2,3-Trichloropropane	50.000	43.900	12.2	94	0.00
77	T	Bromobenzene	50.000	48.658	2.7	90	0.00
78	T	n-propylbenzene	50.000	50.080	-0.2	91	0.00
79	T	2-Chlorotoluene	50.000	49.523	1.0	92	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.351	-2.7	94	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.280	-4.6	100	0.00
82	T	4-Chlorotoluene	50.000	49.129	1.7	92	0.00
83	T	tert-Butylbenzene	50.000	51.282	-2.6	92	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.988	-4.0	95	0.00
85	T	sec-Butylbenzene	50.000	50.380	-0.8	92	0.00
86	T	p-Isopropyltoluene	50.000	51.428	-2.9	93	0.00
87	T	1,3-Dichlorobenzene	50.000	48.501	3.0	91	0.00
88	T	1,4-Dichlorobenzene	50.000	47.508	5.0	93	0.00
89	T	n-Butylbenzene	50.000	51.055	-2.1	93	0.00
90	T	Hexachloroethane	50.000	47.571	4.9	91	0.00
91	T	1,2-Dichlorobenzene	50.000	48.615	2.8	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.277	9.4	89	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.921	0.2	93	0.00
94	T	Hexachlorobutadiene	50.000	50.521	-1.0	94	0.00
95	T	Naphthalene	50.000	49.548	0.9	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.209	-2.4	96	0.00

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