Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
Data File : VD073378.D
Acq On : 25 May 2022 23:36
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 26 02:28:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 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	84	0.00
2	T	Dichlorodifluoromethane	50.000	55.615	-11.2	106	0.00
3	P	Chloromethane	50.000	49.109	1.8	94	0.00
4	C	Vinyl Chloride	50.000	49.342	1.3#	89	0.00
5	T	Bromomethane	50.000	55.100	-10.2	90	0.00
6	T	Chloroethane	50.000	50.092	-0.2	89	0.00
7	T	Trichlorofluoromethane	50.000	48.889	2.2	87	0.00
8	T	Diethyl Ether	50.000	52.879	-5.8	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.660	4.7	86	0.00
10	T	Methyl Iodide	50.000	49.381	1.2	83	0.00
11	T	Tert butyl alcohol	250.000	87.474	65.0#	56	0.02
12	CM	1,1-Dichloroethene	50.000	51.056	-2.1#	88	0.00
13	T	Acrolein	250.000	234.773	6.1	82	0.00
14	T	Allyl chloride	50.000	49.199	1.6	85	0.00
15	T	Acrylonitrile	250.000	270.542	-8.2	93	0.00
16	T	Acetone	250.000	239.992	4.0	93	0.00
17	T	Carbon Disulfide	50.000	51.576	-3.2	92	0.00
18	T	Methyl Acetate	50.000	53.476	-7.0	96	0.00
19	T	Methyl tert-butyl Ether	50.000	52.633	-5.3	89	0.00
20	T	Methylene Chloride	50.000	56.909	-13.8	97	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.133	-2.3	88	0.00
22	T	Diisopropyl ether	50.000	51.437	-2.9	86	0.00
23	T	Vinyl Acetate	250.000	267.084	-6.8	89	0.00
24	P	1,1-Dichloroethane	50.000	49.540	0.9	88	0.00
25	T	2-Butanone	250.000	263.378	-5.4	94	0.00
26	T	2,2-Dichloropropane	50.000	44.097	11.8	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.792	-1.6	87	0.00
28	T	Bromochloromethane	50.000	51.604	-3.2	88	0.00
29	T	Tetrahydrofuran	250.000	277.780	-11.1	95	0.00
30	C	Chloroform	50.000	50.924	-1.8#	90	0.00
31	T	Cyclohexane	50.000	44.683	10.6	80	0.00
32	T	1,1,1-Trichloroethane	50.000	48.228	3.5	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.358	-0.7	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	52.957	-5.9	88	0.00
36	T	1,1-Dichloropropene	50.000	50.907	-1.8	87	0.00
37	T	Ethyl Acetate	50.000	53.595	-7.2	94	0.00
38	T	Carbon Tetrachloride	50.000	50.872	-1.7	85	0.00
39	T	Methylcyclohexane	50.000	50.008	-0.0	82	0.00
40	TM	Benzene	50.000	52.183	-4.4	90	0.00
41	T	Methacrylonitrile	50.000	44.700	10.6	88	0.00
42	TM	1,2-Dichloroethane	50.000	52.479	-5.0	90	0.00
43	T	Isopropyl Acetate	50.000	53.522	-7.0	90	0.00
44	TM	Trichloroethene	50.000	50.757	-1.5	86	0.00
45	C	1,2-Dichloropropane	50.000	51.533	-3.1#	88	0.00
46	T	Dibromomethane	50.000	53.545	-7.1	92	0.00
47	T	Bromodichloromethane	50.000	52.448	-4.9	90	0.00
48	T	Methyl methacrylate	50.000	54.638	-9.3	92	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	1172.093	-17.2	101	0.00
50	S	Toluene-d8	50.000	52.495	-5.0	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	282.008	-12.8	94	0.00
52	CM	Toluene	50.000	54.193	-8.4#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	52.157	-4.3	89	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.729	-3.5	87	0.00
55	T	1,1,2-Trichloroethane	50.000	54.169	-8.3	93	0.00
56	T	Ethyl methacrylate	50.000	57.559	-15.1	90	0.00
57	T	1,3-Dichloropropane	50.000	55.251	-10.5	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.708	-11.1	101	0.00
59	T	2-Hexanone	250.000	293.517	-17.4	96	0.00
60	T	Dibromochloromethane	50.000	53.917	-7.8	93	0.00
61	T	1,2-Dibromoethane	50.000	55.372	-10.7	96	0.00
62	S	4-Bromofluorobenzene	50.000	55.769	-11.5	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	89	0.00
64	T	Tetrachloroethene	50.000	49.147	1.7	89	0.00
65	PM	Chlorobenzene	50.000	49.975	0.0	90	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.918	-3.8	93	0.00
67	C	Ethyl Benzene	50.000	50.841	-1.7#	88	0.00
68	T	m/p-Xylenes	100.000	103.928	-3.9	88	0.00
69	T	o-Xylene	50.000	51.655	-3.3	89	0.00
70	T	Styrene	50.000	53.678	-7.4	91	0.00
71	P	Bromoform	50.000	54.308	-8.6	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	48.398	3.2	87	0.00
74	T	N-amyl acetate	50.000	50.491	-1.0	93	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	50.854	-1.7	97	0.00
76	T	1,2,3-Trichloropropane	50.000	48.113	3.8	91	0.00
77	T	Bromobenzene	50.000	49.117	1.8	93	0.00
78	T	n-propylbenzene	50.000	48.377	3.2	87	0.00
79	T	2-Chlorotoluene	50.000	48.563	2.9	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.154	-0.3	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.906	2.2	90	0.00
82	T	4-Chlorotoluene	50.000	49.390	1.2	91	0.00
83	T	tert-Butylbenzene	50.000	49.002	2.0	89	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.196	-0.4	91	0.00
85	T	sec-Butylbenzene	50.000	47.742	4.5	87	0.00
86	T	p-Isopropyltoluene	50.000	48.791	2.4	88	0.00
87	T	1,3-Dichlorobenzene	50.000	48.926	2.1	92	0.00
88	T	1,4-Dichlorobenzene	50.000	47.969	4.1	93	0.00
89	T	n-Butylbenzene	50.000	48.284	3.4	86	0.00
90	T	Hexachloroethane	50.000	47.592	4.8	90	0.00
91	T	1,2-Dichlorobenzene	50.000	49.477	1.0	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.504	3.0	94	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.076	1.8	89	0.00
94	T	Hexachlorobutadiene	50.000	46.273	7.5	91	0.00
95	T	Naphthalene	50.000	47.389	5.2	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.955	-1.9	93	0.00

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