Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
Data File : VD073438.D
Acq On : 31 May 2022 21:42
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: Jun 01 01:40:41 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	77	0.00
2	T	Dichlorodifluoromethane	50.000	56.052	-12.1	98	0.00
3	P	Chloromethane	50.000	46.842	6.3	82	0.00
4	C	Vinyl Chloride	50.000	47.329	5.3#	78	-0.01
5	T	Bromomethane	50.000	49.226	1.5	75	-0.02
6	T	Chloroethane	50.000	50.023	-0.0	82	-0.01
7	T	Trichlorofluoromethane	50.000	53.755	-7.5	88	-0.02
8	T	Diethyl Ether	50.000	57.828	-15.7	90	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	51.858	-3.7	86	-0.01
10	T	Methyl Iodide	50.000	50.503	-1.0	78	-0.01
11	T	Tert butyl alcohol	250.000	131.042	47.6#	77	0.01
12	CM	1,1-Dichloroethene	50.000	52.388	-4.8#	83	0.00
13	T	Acrolein	250.000	206.701	17.3	67	0.00
14	T	Allyl chloride	50.000	51.250	-2.5	81	-0.01
15	T	Acrylonitrile	250.000	307.508	-23.0	97	0.00
16	T	Acetone	250.000	268.800	-7.5	95	0.00
17	T	Carbon Disulfide	50.000	52.491	-5.0	86	-0.01
18	T	Methyl Acetate	50.000	64.244	-28.5#	106	0.00
19	T	Methyl tert-butyl Ether	50.000	61.193	-22.4	95	0.00
20	T	Methylene Chloride	50.000	60.457	-20.9	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	55.077	-10.2	87	0.00
22	T	Diisopropyl ether	50.000	55.305	-10.6	84	0.00
23	T	Vinyl Acetate	250.000	295.415	-18.2	90	0.00
24	P	1,1-Dichloroethane	50.000	53.053	-6.1	86	-0.01
25	T	2-Butanone	250.000	303.154	-21.3	99	0.00
26	T	2,2-Dichloropropane	50.000	45.508	9.0	74	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.263	-8.5	86	0.00
28	T	Bromochloromethane	50.000	51.689	-3.4	81	0.00
29	T	Tetrahydrofuran	250.000	321.876	-28.8#	102	0.00
30	C	Chloroform	50.000	53.539	-7.1#	87	0.00
31	T	Cyclohexane	50.000	48.248	3.5	79	0.00
32	T	1,1,1-Trichloroethane	50.000	52.715	-5.4	85	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.774	-11.5	90	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	78	0.00
35	S	Dibromofluoromethane	50.000	56.421	-12.8	87	-0.01
36	T	1,1-Dichloropropene	50.000	52.899	-5.8	84	0.00
37	T	Ethyl Acetate	50.000	62.868	-25.7#	102	0.00
38	T	Carbon Tetrachloride	50.000	54.822	-9.6	85	0.00
39	T	Methylcyclohexane	50.000	53.435	-6.9	81	0.00
40	TM	Benzene	50.000	55.181	-10.4	88	0.00
41	T	Methacrylonitrile	50.000	54.271	-8.5	98	0.00
42	TM	1,2-Dichloroethane	50.000	57.634	-15.3	91	0.00
43	T	Isopropyl Acetate	50.000	62.594	-25.2#	97	0.00
44	TM	Trichloroethene	50.000	55.500	-11.0	87	0.00
45	C	1,2-Dichloropropane	50.000	55.236	-10.5#	87	0.00
46	T	Dibromomethane	50.000	57.870	-15.7	92	0.00
47	T	Bromodichloromethane	50.000	56.160	-12.3	89	0.00
48	T	Methyl methacrylate	50.000	64.539	-29.1#	100	0.00

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LabSampleId :
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Quant Time: Jun 01 01:40:41 2022
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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)
49	T	1,4-Dioxane	1000.000	1369.329	-36.9#	109	0.00
50	S	Toluene-d8	50.000	54.222	-8.4	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	330.957	-32.4#	102	0.00
52	CM	Toluene	50.000	57.175	-14.3#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	57.215	-14.4	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.537	-11.1	87	0.00
55	T	1,1,2-Trichloroethane	50.000	61.242	-22.5	97	0.00
56	T	Ethyl methacrylate	50.000	66.465	-32.9#	96	0.00
57	T	1,3-Dichloropropane	50.000	59.505	-19.0	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	311.466	-24.6	105	0.00
59	T	2-Hexanone	250.000	345.763	-38.3#	105	0.00
60	T	Dibromochloromethane	50.000	61.693	-23.4	98	0.00
61	T	1,2-Dibromoethane	50.000	61.392	-22.8	98	0.00
62	S	4-Bromofluorobenzene	50.000	59.040	-18.1	91	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	52.421	-4.8	88	0.00
65	PM	Chlorobenzene	50.000	54.349	-8.7	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.875	-13.8	94	0.00
67	C	Ethyl Benzene	50.000	54.032	-8.1#	87	0.00
68	T	m/p-Xylenes	100.000	111.187	-11.2	88	0.00
69	T	o-Xylene	50.000	56.436	-12.9	90	0.00
70	T	Styrene	50.000	58.449	-16.9	92	0.00
71	P	Bromoform	50.000	61.568	-23.1	103	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	50.176	-0.4	87	0.00
74	T	N-amyl acetate	50.000	56.228	-12.5	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.613	-11.2	103	0.00
76	T	1,2,3-Trichloropropane	50.000	49.762	0.5	91	0.00
77	T	Bromobenzene	50.000	52.386	-4.8	96	0.00
78	T	n-propylbenzene	50.000	49.811	0.4	87	0.00
79	T	2-Chlorotoluene	50.000	50.574	-1.1	90	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.477	-3.0	90	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.512	-9.0	97	0.00
82	T	4-Chlorotoluene	50.000	50.858	-1.7	90	0.00
83	T	tert-Butylbenzene	50.000	49.820	0.4	87	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.952	-3.9	91	0.00
85	T	sec-Butylbenzene	50.000	50.102	-0.2	88	0.00
86	T	p-Isopropyltoluene	50.000	51.183	-2.4	89	0.00
87	T	1,3-Dichlorobenzene	50.000	52.208	-4.4	95	0.00
88	T	1,4-Dichlorobenzene	50.000	50.330	-0.7	94	0.00
89	T	n-Butylbenzene	50.000	49.960	0.1	86	0.00
90	T	Hexachloroethane	50.000	49.613	0.8	91	0.00
91	T	1,2-Dichlorobenzene	50.000	52.974	-5.9	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	57.679	-15.4	108	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.530	-9.1	96	0.00
94	T	Hexachlorobutadiene	50.000	49.788	0.4	94	0.00
95	T	Naphthalene	50.000	55.094	-10.2	108	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.943	-13.9	101	0.00

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