Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
Data File : VD073317.D
Acq On : 24 May 2022 11:06
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 24 16:43:04 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	44.257	11.5	101	0.00
3	P	Chloromethane	50.000	41.460	17.1	95	0.00
4	C	Vinyl Chloride	50.000	45.509	9.0#	98	0.00
5	T	Bromomethane	50.000	50.231	-0.5	100	0.00
6	T	Chloroethane	50.000	47.775	4.5	102	0.00
7	T	Trichlorofluoromethane	50.000	49.088	1.8	106	0.00
8	T	Diethyl Ether	50.000	50.830	-1.7	104	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.305	1.4	107	0.00
10	T	Methyl Iodide	50.000	49.179	1.6	100	0.00
11	T	Tert butyl alcohol	250.000	161.104	35.6#	125	-0.01
12	CM	1,1-Dichloroethene	50.000	49.929	0.1#	104	0.00
13	T	Acrolein	250.000	227.277	9.1	96	0.00
14	T	Allyl chloride	50.000	50.038	-0.1	104	0.00
15	T	Acrylonitrile	250.000	276.399	-10.6	114	0.00
16	T	Acetone	250.000	301.293	-20.5	140	0.00
17	T	Carbon Disulfide	50.000	41.213	17.6	89	0.00
18	T	Methyl Acetate	50.000	52.759	-5.5	114	0.00
19	T	Methyl tert-butyl Ether	50.000	54.233	-8.5	111	0.00
20	T	Methylene Chloride	50.000	54.162	-8.3	112	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.128	1.7	102	0.00
22	T	Diisopropyl ether	50.000	53.546	-7.1	107	0.00
23	T	Vinyl Acetate	250.000	273.703	-9.5	110	0.00
24	P	1,1-Dichloroethane	50.000	49.584	0.8	106	0.00
25	T	2-Butanone	250.000	279.875	-11.9	120	0.00
26	T	2,2-Dichloropropane	50.000	50.741	-1.5	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.159	-2.3	106	0.00
28	T	Bromochloromethane	50.000	48.737	2.5	100	0.00
29	T	Tetrahydrofuran	250.000	276.574	-10.6	115	0.00
30	C	Chloroform	50.000	50.697	-1.4#	108	0.00
31	T	Cyclohexane	50.000	45.952	8.1	99	0.00
32	T	1,1,1-Trichloroethane	50.000	50.382	-0.8	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.365	-2.7	109	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35	S	Dibromofluoromethane	50.000	54.710	-9.4	108	0.00
36	T	1,1-Dichloropropene	50.000	51.598	-3.2	105	0.00
37	T	Ethyl Acetate	50.000	55.121	-10.2	115	0.00
38	T	Carbon Tetrachloride	50.000	53.262	-6.5	106	0.00
39	T	Methylcyclohexane	50.000	52.736	-5.5	103	0.00
40	TM	Benzene	50.000	51.971	-3.9	106	0.00
41	T	Methacrylonitrile	50.000	54.980	-10.0	128	0.00
42	TM	1,2-Dichloroethane	50.000	52.445	-4.9	107	0.00
43	T	Isopropyl Acetate	50.000	56.660	-13.3	113	0.00
44	TM	Trichloroethene	50.000	52.482	-5.0	106	0.00
45	C	1,2-Dichloropropane	50.000	53.120	-6.2#	108	0.00
46	T	Dibromomethane	50.000	52.467	-4.9	108	0.00
47	T	Bromodichloromethane	50.000	52.825	-5.7	108	0.00
48	T	Methyl methacrylate	50.000	56.521	-13.0	113	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	1116.382	-11.6	114	0.00
50	S	Toluene-d8	50.000	55.198	-10.4	108	0.00
51	T	4-Methyl-2-Pentanone	250.000	297.606	-19.0	118	0.00
52	CM	Toluene	50.000	54.499	-9.0#	107	0.00
53	T	t-1,3-Dichloropropene	50.000	55.110	-10.2	112	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.807	-9.6	110	0.00
55	T	1,1,2-Trichloroethane	50.000	54.358	-8.7	111	0.00
56	T	Ethyl methacrylate	50.000	59.507	-19.0	111	0.00
57	T	1,3-Dichloropropane	50.000	54.982	-10.0	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	272.993	-9.2	118	0.00
59	T	2-Hexanone	250.000	316.361	-26.5#	124	0.00
60	T	Dibromochloromethane	50.000	54.486	-9.0	111	0.00
61	T	1,2-Dibromoethane	50.000	53.843	-7.7	111	0.00
62	S	4-Bromofluorobenzene	50.000	56.538	-13.1	113	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	100	0.00
64	T	Tetrachloroethene	50.000	53.836	-7.7	110	0.00
65	PM	Chlorobenzene	50.000	53.991	-8.0	110	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.422	-8.8	110	0.00
67	C	Ethyl Benzene	50.000	56.166	-12.3#	109	0.00
68	T	m/p-Xylenes	100.000	111.882	-11.9	107	0.00
69	T	o-Xylene	50.000	56.060	-12.1	108	0.00
70	T	Styrene	50.000	57.846	-15.7	110	0.00
71	P	Bromoform	50.000	57.859	-15.7	118	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	103	0.00
73	T	Isopropylbenzene	50.000	56.690	-13.4	111	0.00
74	T	N-amyl acetate	50.000	57.787	-15.6	116	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.866	-11.7	117	0.00
76	T	1,2,3-Trichloropropane	50.000	63.540	-27.1#	132	0.00
77	T	Bromobenzene	50.000	53.825	-7.7	111	0.00
78	T	n-propylbenzene	50.000	56.533	-13.1	111	0.00
79	T	2-Chlorotoluene	50.000	54.779	-9.6	110	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.200	-12.4	110	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.465	-16.9	117	0.00
82	T	4-Chlorotoluene	50.000	55.418	-10.8	111	0.00
83	T	tert-Butylbenzene	50.000	57.358	-14.7	113	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.493	-13.0	112	0.00
85	T	sec-Butylbenzene	50.000	56.968	-13.9	113	0.00
86	T	p-Isopropyltoluene	50.000	57.594	-15.2	113	0.00
87	T	1,3-Dichlorobenzene	50.000	54.557	-9.1	112	0.00
88	T	1,4-Dichlorobenzene	50.000	53.685	-7.4	113	0.00
89	T	n-Butylbenzene	50.000	58.690	-17.4	114	0.00
90	T	Hexachloroethane	50.000	55.080	-10.2	114	0.00
91	T	1,2-Dichlorobenzene	50.000	54.862	-9.7	113	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.520	-11.0	118	0.00
93	T	1,2,4-Trichlorobenzene	50.000	58.655	-17.3	116	0.00
94	T	Hexachlorobutadiene	50.000	55.818	-11.6	119	0.00
95	T	Naphthalene	50.000	54.625	-9.3	120	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.361	-16.7	116	0.00

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