Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
Data File : VD074033.D
Acq On : 10 Aug 2022 19:01
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 10 20:03:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 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	95	0.00
2	T	Dichlorodifluoromethane	50.000	51.047	-2.1	96	0.00
3	P	Chloromethane	50.000	54.846	-9.7	101	0.00
4	C	Vinyl Chloride	50.000	48.190	3.6#	96	0.00
5	T	Bromomethane	50.000	45.108	9.8	89	0.00
6	T	Chloroethane	50.000	47.317	5.4	96	0.00
7	T	Trichlorofluoromethane	50.000	47.365	5.3	96	0.00
8	T	Diethyl Ether	50.000	54.884	-9.8	114	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.757	4.5	96	0.00
10	T	Methyl Iodide	50.000	49.693	0.6	89	0.00
11	T	Tert butyl alcohol	250.000	357.539	-43.0#	135	0.00
12	CM	1,1-Dichloroethene	50.000	49.809	0.4#	96	0.00
13	T	Acrolein	250.000	283.548	-13.4	104	0.00
14	T	Allyl chloride	50.000	51.008	-2.0	96	0.00
15	T	Acrylonitrile	250.000	280.742	-12.3	111	0.00
16	T	Acetone	250.000	247.319	1.1	106	0.00
17	T	Carbon Disulfide	50.000	47.988	4.0	95	0.00
18	T	Methyl Acetate	50.000	56.922	-13.8	107	0.00
19	T	Methyl tert-butyl Ether	50.000	56.041	-12.1	106	0.00
20	T	Methylene Chloride	50.000	63.074	-26.1#	115	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.741	0.5	96	0.00
22	T	Diisopropyl ether	50.000	53.930	-7.9	101	0.00
23	T	Vinyl Acetate	50.000	58.360	-16.7	106	0.00
24	P	1,1-Dichloroethane	50.000	49.063	1.9	98	0.00
25	T	2-Butanone	250.000	278.978	-11.6	115	0.00
26	T	2,2-Dichloropropane	50.000	47.579	4.8	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.632	-3.3	98	0.00
28	T	Bromochloromethane	50.000	54.407	-8.8	107	0.00
29	T	Tetrahydrofuran	250.000	281.736	-12.7	108	0.00
30	C	Chloroform	50.000	50.609	-1.2#	98	0.00
31	T	Cyclohexane	50.000	46.705	6.6	94	0.00
32	T	1,1,1-Trichloroethane	50.000	48.983	2.0	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.490	-7.0	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	98	0.00
35	S	Dibromofluoromethane	50.000	46.631	6.7	102	0.00
36	T	1,1-Dichloropropene	50.000	49.868	0.3	96	0.00
37	T	Ethyl Acetate	50.000	56.394	-12.8	116	0.00
38	T	Carbon Tetrachloride	50.000	50.808	-1.6	97	0.00
39	T	Methylcyclohexane	50.000	51.522	-3.0	95	0.00
40	TM	Benzene	50.000	51.268	-2.5	99	0.00
41	T	Methacrylonitrile	50.000	51.583	-3.2	95	0.00
42	TM	1,2-Dichloroethane	50.000	52.753	-5.5	103	0.00
43	T	Isopropyl Acetate	50.000	58.098	-16.2	111	0.00
44	TM	Trichloroethene	50.000	49.501	1.0	98	0.00
45	C	1,2-Dichloropropane	50.000	51.345	-2.7#	100	0.00
46	T	Dibromomethane	50.000	53.217	-6.4	105	0.00
47	T	Bromodichloromethane	50.000	52.332	-4.7	102	0.00
48	T	Methyl methacrylate	50.000	55.236	-10.5	105	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	1240.188	-24.0	116	0.00
50	S	Toluene-d8	50.000	48.662	2.7	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.666	-17.1	111	0.00
52	CM	Toluene	50.000	51.673	-3.3#	97	0.00
53	T	t-1,3-Dichloropropene	50.000	54.151	-8.3	101	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.118	-6.2	99	0.00
55	T	1,1,2-Trichloroethane	50.000	53.588	-7.2	104	0.00
56	T	Ethyl methacrylate	50.000	57.632	-15.3	107	0.00
57	T	1,3-Dichloropropane	50.000	54.244	-8.5	105	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	294.348	-17.7	111	0.00
59	T	2-Hexanone	250.000	292.125	-16.9	111	0.00
60	T	Dibromochloromethane	50.000	53.706	-7.4	104	0.00
61	T	1,2-Dibromoethane	50.000	53.085	-6.2	103	0.00
62	S	4-Bromofluorobenzene	50.000	50.788	-1.6	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	98	0.00
64	T	Tetrachloroethene	50.000	47.621	4.8	96	0.00
65	PM	Chlorobenzene	50.000	50.123	-0.2	100	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.697	-3.4	102	0.00
67	C	Ethyl Benzene	50.000	51.522	-3.0#	97	0.00
68	T	m/p-Xylenes	100.000	105.467	-5.5	98	0.00
69	T	o-Xylene	50.000	52.938	-5.9	98	0.00
70	T	Styrene	50.000	55.600	-11.2	101	0.00
71	P	Bromoform	50.000	54.424	-8.8	107	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	98	0.00
73	T	Isopropylbenzene	50.000	51.953	-3.9	97	0.00
74	T	N-amyl acetate	50.000	56.578	-13.2	109	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.403	-4.8	108	0.00
76	T	1,2,3-Trichloropropane	50.000	49.196	1.6	116	0.00
77	T	Bromobenzene	50.000	51.684	-3.4	103	0.00
78	T	n-propylbenzene	50.000	51.962	-3.9	97	0.00
79	T	2-Chlorotoluene	50.000	52.140	-4.3	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.180	-6.4	98	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	57.591	-15.2	112	0.00
82	T	4-Chlorotoluene	50.000	52.649	-5.3	99	0.00
83	T	tert-Butylbenzene	50.000	52.658	-5.3	97	0.00
84	T	1,2,4-Trimethylbenzene	50.000	53.146	-6.3	98	0.00
85	T	sec-Butylbenzene	50.000	52.014	-4.0	95	0.00
86	T	p-Isopropyltoluene	50.000	53.853	-7.7	97	0.00
87	T	1,3-Dichlorobenzene	50.000	52.174	-4.3	100	0.00
88	T	1,4-Dichlorobenzene	50.000	50.332	-0.7	99	0.00
89	T	n-Butylbenzene	50.000	52.812	-5.6	97	0.00
90	T	Hexachloroethane	50.000	50.565	-1.1	97	0.00
91	T	1,2-Dichlorobenzene	50.000	51.904	-3.8	101	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.579	-17.2	120	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.504	-5.0	102	0.00
94	T	Hexachlorobutadiene	50.000	48.692	2.6	96	0.00
95	T	Naphthalene	50.000	57.738	-15.5	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.226	-6.5	103	0.00

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