Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
Data File : VD078508.D
Acq On : 21 Feb 2024 19:27
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 22 00:09:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
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	70	0.00
2	T	Dichlorodifluoromethane	50.000	50.191	-0.4	68	0.00
3	P	Chloromethane	50.000	54.203	-8.4	79	0.00
4	C	Vinyl Chloride	50.000	52.199	-4.4#	78	0.00
5	T	Bromomethane	50.000	56.654	-13.3	88	0.00
6	T	Chloroethane	50.000	52.833	-5.7	82	0.00
7	T	Trichlorofluoromethane	50.000	49.229	1.5	73	0.00
8	T	Diethyl Ether	50.000	54.416	-8.8	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.897	8.2	69	0.00
10	T	Methyl Iodide	50.000	54.158	-8.3	78	0.00
11	T	Tert butyl alcohol	250.000	287.454	-15.0	94	0.01
12	CM	1,1-Dichloroethene	50.000	49.202	1.6#	73	-0.01
13	T	Acrolein	250.000	150.760	39.7#	55	0.00
14	T	Allyl chloride	50.000	49.464	1.1	75	0.00
15	T	Acrylonitrile	250.000	282.784	-13.1	88	0.00
16	T	Acetone	250.000	248.289	0.7	71	0.00
17	T	Carbon Disulfide	50.000	45.521	9.0	70	0.00
18	T	Methyl Acetate	50.000	67.792	-35.6#	93	-0.01
19	T	Methyl tert-butyl Ether	50.000	56.430	-12.9	87	0.00
20	T	Methylene Chloride	50.000	59.577	-19.2	84	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.538	-5.1	79	0.00
22	T	Diisopropyl ether	50.000	53.769	-7.5	80	0.00
23	T	Vinyl Acetate	250.000	250.331	-0.1	80	0.00
24	P	1,1-Dichloroethane	50.000	52.251	-4.5	79	0.00
25	T	2-Butanone	250.000	284.197	-13.7	84	0.00
26	T	2,2-Dichloropropane	50.000	48.556	2.9	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	54.075	-8.2	82	0.00
28	T	Bromochloromethane	50.000	56.402	-12.8	79	0.00
29	T	Tetrahydrofuran	250.000	292.280	-16.9	91	0.00
30	C	Chloroform	50.000	54.584	-9.2#	82	0.00
31	T	Cyclohexane	50.000	43.185	13.6	65	0.00
32	T	1,1,1-Trichloroethane	50.000	50.888	-1.8	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.762	-9.5	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	69	0.00
35	S	Dibromofluoromethane	50.000	59.290	-18.6	89	0.00
36	T	1,1-Dichloropropene	50.000	49.647	0.7	73	0.00
37	T	Ethyl Acetate	50.000	56.106	-12.2	92	0.00
38	T	Carbon Tetrachloride	50.000	51.599	-3.2	75	0.00
39	T	Methylcyclohexane	50.000	48.073	3.9	67	0.00
40	TM	Benzene	50.000	55.031	-10.1	81	0.00
41	T	Methacrylonitrile	50.000	45.942	8.1	68	0.00
42	TM	1,2-Dichloroethane	50.000	55.036	-10.1	86	0.00
43	T	Isopropyl Acetate	50.000	55.507	-11.0	84	0.00
44	TM	Trichloroethene	50.000	55.842	-11.7	83	0.00
45	C	1,2-Dichloropropane	50.000	55.921	-11.8#	85	0.00
46	T	Dibromomethane	50.000	56.886	-13.8	87	0.00
47	T	Bromodichloromethane	50.000	55.464	-10.9	82	0.00
48	T	Methyl methacrylate	50.000	57.739	-15.5	79	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	1215.457	-21.5	96	0.00
50	S	Toluene-d8	50.000	57.400	-14.8	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	295.110	-18.0	91	0.00
52	CM	Toluene	50.000	56.140	-12.3#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	56.002	-12.0	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.885	-9.8	82	0.00
55	T	1,1,2-Trichloroethane	50.000	59.956	-19.9	92	0.00
56	T	Ethyl methacrylate	50.000	51.762	-3.5	91	0.00
57	T	1,3-Dichloropropane	50.000	58.169	-16.3	90	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	338.137	-35.3#	92	0.00
59	T	2-Hexanone	250.000	279.697	-11.9	89	0.00
60	T	Dibromochloromethane	50.000	58.183	-16.4	88	0.00
61	T	1,2-Dibromoethane	50.000	61.289	-22.6	91	0.00
62	S	4-Bromofluorobenzene	50.000	58.414	-16.8	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	54.220	-8.4	84	0.00
65	PM	Chlorobenzene	50.000	55.268	-10.5	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.675	-11.3	88	0.00
67	C	Ethyl Benzene	50.000	53.331	-6.7#	80	0.00
68	T	m/p-Xylenes	100.000	109.859	-9.9	80	0.00
69	T	o-Xylene	50.000	54.385	-8.8	82	0.00
70	T	Styrene	50.000	53.381	-6.8	85	0.00
71	P	Bromoform	50.000	58.534	-17.1	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	78	0.00
73	T	Isopropylbenzene	50.000	50.523	-1.0	80	0.00
74	T	N-amyl acetate	50.000	50.004	-0.0	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.191	-4.4	94	0.00
76	T	1,2,3-Trichloropropane	50.000	51.620	-3.2	102	0.00
77	T	Bromobenzene	50.000	54.387	-8.8	91	0.00
78	T	n-propylbenzene	50.000	49.411	1.2	79	0.00
79	T	2-Chlorotoluene	50.000	50.609	-1.2	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.531	-3.1	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.342	-4.7	91	0.00
82	T	4-Chlorotoluene	50.000	50.171	-0.3	83	0.00
83	T	tert-Butylbenzene	50.000	52.825	-5.7	83	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.405	-4.8	82	0.00
85	T	sec-Butylbenzene	50.000	47.761	4.5	77	0.00
86	T	p-Isopropyltoluene	50.000	50.808	-1.6	78	0.00
87	T	1,3-Dichlorobenzene	50.000	51.642	-3.3	85	0.00
88	T	1,4-Dichlorobenzene	50.000	53.049	-6.1	89	0.00
89	T	n-Butylbenzene	50.000	49.230	1.5	76	0.00
90	T	Hexachloroethane	50.000	50.133	-0.3	84	0.00
91	T	1,2-Dichlorobenzene	50.000	55.182	-10.4	93	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.899	-3.8	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	54.162	-8.3	88	0.00
94	T	Hexachlorobutadiene	50.000	50.582	-1.2	81	0.00
95	T	Naphthalene	50.000	58.531	-17.1	98	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.458	-14.9	93	0.00

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