Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022224\
Data File : VD078527.D
Acq On : 22 Feb 2024 19:45
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 23 01:10:24 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	71	0.00
2	T	Dichlorodifluoromethane	50.000	48.868	2.3	67	0.00
3	P	Chloromethane	50.000	54.301	-8.6	80	0.00
4	C	Vinyl Chloride	50.000	54.547	-9.1#	82	-0.01
5	T	Bromomethane	50.000	55.588	-11.2	87	-0.01
6	T	Chloroethane	50.000	53.489	-7.0	84	-0.01
7	T	Trichlorofluoromethane	50.000	49.541	0.9	74	-0.01
8	T	Diethyl Ether	50.000	52.534	-5.1	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.870	2.3	74	0.00
10	T	Methyl Iodide	50.000	52.420	-4.8	76	0.00
11	T	Tert butyl alcohol	250.000	284.189	-13.7	94	0.01
12	CM	1,1-Dichloroethene	50.000	48.234	3.5#	72	-0.02
13	T	Acrolein	250.000	263.477	-5.4	97	0.00
14	T	Allyl chloride	50.000	46.593	6.8	71	-0.01
15	T	Acrylonitrile	250.000	273.512	-9.4	86	0.00
16	T	Acetone	250.000	242.685	2.9	70	0.00
17	T	Carbon Disulfide	50.000	43.508	13.0	67	-0.01
18	T	Methyl Acetate	50.000	69.755	-39.5#	97	-0.01
19	T	Methyl tert-butyl Ether	50.000	55.229	-10.5	86	0.00
20	T	Methylene Chloride	50.000	69.135	-38.3#	97	-0.01
21	T	trans-1,2-Dichloroethene	50.000	49.552	0.9	75	0.00
22	T	Diisopropyl ether	50.000	51.146	-2.3	77	0.00
23	T	Vinyl Acetate	250.000	238.612	4.6	78	0.00
24	P	1,1-Dichloroethane	50.000	50.301	-0.6	76	0.00
25	T	2-Butanone	250.000	271.467	-8.6	81	0.00
26	T	2,2-Dichloropropane	50.000	48.200	3.6	71	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.492	-3.0	79	0.00
28	T	Bromochloromethane	50.000	56.176	-12.4	80	0.00
29	T	Tetrahydrofuran	250.000	286.485	-14.6	90	0.00
30	C	Chloroform	50.000	52.136	-4.3#	79	0.00
31	T	Cyclohexane	50.000	42.524	15.0	64	0.00
32	T	1,1,1-Trichloroethane	50.000	50.143	-0.3	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.444	9.1	72	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	70	0.00
35	S	Dibromofluoromethane	50.000	49.828	0.3	76	0.00
36	T	1,1-Dichloropropene	50.000	49.821	0.4	75	0.00
37	T	Ethyl Acetate	50.000	55.451	-10.9	93	0.00
38	T	Carbon Tetrachloride	50.000	48.789	2.4	72	0.00
39	T	Methylcyclohexane	50.000	46.477	7.0	66	0.00
40	TM	Benzene	50.000	52.183	-4.4	78	0.00
41	T	Methacrylonitrile	50.000	55.316	-10.6	84	0.00
42	TM	1,2-Dichloroethane	50.000	51.960	-3.9	83	0.00
43	T	Isopropyl Acetate	50.000	54.707	-9.4	84	0.00
44	TM	Trichloroethene	50.000	52.965	-5.9	80	0.00
45	C	1,2-Dichloropropane	50.000	52.100	-4.2#	80	0.00
46	T	Dibromomethane	50.000	56.512	-13.0	88	0.00
47	T	Bromodichloromethane	50.000	53.338	-6.7	80	0.00
48	T	Methyl methacrylate	50.000	59.352	-18.7	83	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	1266.230	-26.6#	102	0.00
50	S	Toluene-d8	50.000	46.609	6.8	72	0.00
51	T	4-Methyl-2-Pentanone	250.000	284.512	-13.8	89	0.00
52	CM	Toluene	50.000	52.710	-5.4#	78	0.00
53	T	t-1,3-Dichloropropene	50.000	54.461	-8.9	82	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.097	-6.2	81	0.00
55	T	1,1,2-Trichloroethane	50.000	57.282	-14.6	89	0.00
56	T	Ethyl methacrylate	50.000	52.171	-4.3	93	0.00
57	T	1,3-Dichloropropane	50.000	56.379	-12.8	88	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	343.807	-37.5#	95	0.00
59	T	2-Hexanone	250.000	269.602	-7.8	87	0.00
60	T	Dibromochloromethane	50.000	58.252	-16.5	90	0.00
61	T	1,2-Dibromoethane	50.000	59.178	-18.4	90	0.00
62	S	4-Bromofluorobenzene	50.000	47.667	4.7	75	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	73	0.00
64	T	Tetrachloroethene	50.000	52.911	-5.8	82	0.00
65	PM	Chlorobenzene	50.000	52.943	-5.9	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.241	-8.5	86	0.00
67	C	Ethyl Benzene	50.000	51.699	-3.4#	78	0.00
68	T	m/p-Xylenes	100.000	105.577	-5.6	78	0.00
69	T	o-Xylene	50.000	52.735	-5.5	79	0.00
70	T	Styrene	50.000	50.434	-0.9	81	0.00
71	P	Bromoform	50.000	58.643	-17.3	97	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	50.135	-0.3	79	0.00
74	T	N-amyl acetate	50.000	48.281	3.4	86	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.300	-4.6	93	0.00
76	T	1,2,3-Trichloropropane	50.000	52.364	-4.7	102	0.00
77	T	Bromobenzene	50.000	53.657	-7.3	88	0.00
78	T	n-propylbenzene	50.000	48.295	3.4	76	0.00
79	T	2-Chlorotoluene	50.000	49.298	1.4	80	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.976	0.0	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.838	-3.7	89	0.00
82	T	4-Chlorotoluene	50.000	48.983	2.0	80	0.00
83	T	tert-Butylbenzene	50.000	51.579	-3.2	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.032	-2.1	79	0.00
85	T	sec-Butylbenzene	50.000	48.731	2.5	78	0.00
86	T	p-Isopropyltoluene	50.000	51.195	-2.4	78	0.00
87	T	1,3-Dichlorobenzene	50.000	50.880	-1.8	83	0.00
88	T	1,4-Dichlorobenzene	50.000	51.669	-3.3	85	0.00
89	T	n-Butylbenzene	50.000	49.537	0.9	76	0.00
90	T	Hexachloroethane	50.000	48.829	2.3	81	0.00
91	T	1,2-Dichlorobenzene	50.000	53.332	-6.7	88	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.800	-7.6	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	53.695	-7.4	86	0.00
94	T	Hexachlorobutadiene	50.000	51.380	-2.8	81	0.00
95	T	Naphthalene	50.000	58.864	-17.7	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.457	-14.9	92	0.00

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