Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
Data File : VD078143.D
Acq On : 11 Jan 2024 09:23
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 12 00:33:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 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	93	0.00
2	T	Dichlorodifluoromethane	50.000	44.632	10.7	81	0.00
3	P	Chloromethane	50.000	42.505	15.0	83	0.00
4	C	Vinyl Chloride	50.000	45.114	9.8#	84	0.00
5	T	Bromomethane	50.000	42.371	15.3	85	0.00
6	T	Chloroethane	50.000	47.062	5.9	89	0.00
7	T	Trichlorofluoromethane	50.000	44.023	12.0	88	0.00
8	T	Diethyl Ether	50.000	42.517	15.0	85	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.336	9.3	88	0.00
10	T	Methyl Iodide	50.000	43.090	13.8	78	0.00
11	T	Tert butyl alcohol	250.000	258.223	-3.3	104	-0.02
12	CM	1,1-Dichloroethene	50.000	46.239	7.5#	86	0.00
13	T	Acrolein	250.000	268.374	-7.3	103	0.00
14	T	Allyl chloride	50.000	45.667	8.7	88	0.00
15	T	Acrylonitrile	250.000	236.580	5.4	87	-0.01
16	T	Acetone	250.000	302.607	-21.0	120	0.00
17	T	Carbon Disulfide	50.000	44.871	10.3	83	0.00
18	T	Methyl Acetate	50.000	54.132	-8.3	96	0.00
19	T	Methyl tert-butyl Ether	50.000	48.478	3.0	91	0.00
20	T	Methylene Chloride	50.000	45.547	8.9	85	0.00
21	T	trans-1,2-Dichloroethene	50.000	46.571	6.9	87	0.00
22	T	Diisopropyl ether	50.000	49.165	1.7	90	0.00
23	T	Vinyl Acetate	250.000	236.028	5.6	89	0.00
24	P	1,1-Dichloroethane	50.000	46.502	7.0	90	-0.01
25	T	2-Butanone	250.000	242.407	3.0	103	0.00
26	T	2,2-Dichloropropane	50.000	47.244	5.5	90	0.00
27	T	cis-1,2-Dichloroethene	50.000	47.638	4.7	89	0.00
28	T	Bromochloromethane	50.000	58.802	-17.6	102	0.00
29	T	Tetrahydrofuran	250.000	239.246	4.3	91	-0.01
30	C	Chloroform	50.000	46.493	7.0#	88	0.00
31	T	Cyclohexane	50.000	43.425	13.2	87	0.00
32	T	1,1,1-Trichloroethane	50.000	47.491	5.0	89	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.941	12.1	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	94	0.00
35	S	Dibromofluoromethane	50.000	42.748	14.5	89	0.00
36	T	1,1-Dichloropropene	50.000	46.756	6.5	88	0.00
37	T	Ethyl Acetate	50.000	48.287	3.4	97	0.00
38	T	Carbon Tetrachloride	50.000	45.497	9.0	87	0.00
39	T	Methylcyclohexane	50.000	44.019	12.0	84	0.00
40	TM	Benzene	50.000	46.559	6.9	89	0.00
41	T	Methacrylonitrile	50.000	49.740	0.5	96	-0.02
42	TM	1,2-Dichloroethane	50.000	47.256	5.5	91	0.00
43	T	Isopropyl Acetate	50.000	48.627	2.7	95	0.00
44	TM	Trichloroethene	50.000	45.120	9.8	85	0.00
45	C	1,2-Dichloropropane	50.000	47.335	5.3#	89	0.00
46	T	Dibromomethane	50.000	49.024	2.0	94	-0.01
47	T	Bromodichloromethane	50.000	47.570	4.9	91	0.00
48	T	Methyl methacrylate	50.000	51.247	-2.5	99	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1072.930	-7.3	98	0.00
50	S	Toluene-d8	50.000	43.865	12.3	86	0.00
51	T	4-Methyl-2-Pentanone	250.000	251.141	-0.5	98	0.00
52	CM	Toluene	50.000	47.008	6.0#	89	0.00
53	T	t-1,3-Dichloropropene	50.000	47.668	4.7	92	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.755	0.5	91	0.00
55	T	1,1,2-Trichloroethane	50.000	47.446	5.1	92	0.00
56	T	Ethyl methacrylate	50.000	47.306	5.4	91	0.00
57	T	1,3-Dichloropropane	50.000	48.452	3.1	93	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	290.500	-16.2	105	0.00
59	T	2-Hexanone	250.000	255.764	-2.3	103	0.00
60	T	Dibromochloromethane	50.000	46.187	7.6	89	0.00
61	T	1,2-Dibromoethane	50.000	46.475	7.0	91	0.00
62	S	4-Bromofluorobenzene	50.000	41.496	17.0	90	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64	T	Tetrachloroethene	50.000	44.396	11.2	87	0.00
65	PM	Chlorobenzene	50.000	45.943	8.1	92	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.335	7.3	90	0.00
67	C	Ethyl Benzene	50.000	46.642	6.7#	89	0.00
68	T	m/p-Xylenes	100.000	93.907	6.1	89	0.00
69	T	o-Xylene	50.000	46.062	7.9	86	0.00
70	T	Styrene	50.000	47.625	4.8	89	0.00
71	P	Bromoform	50.000	44.916	10.2	84	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	46.542	6.9	88	0.00
74	T	N-amyl acetate	50.000	45.832	8.3	92	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.644	4.7	96	0.00
76	T	1,2,3-Trichloropropane	50.000	50.918	-1.8	98	0.00
77	T	Bromobenzene	50.000	44.880	10.2	89	0.00
78	T	n-propylbenzene	50.000	46.400	7.2	88	0.00
79	T	2-Chlorotoluene	50.000	46.359	7.3	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.849	6.3	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.680	6.6	92	0.00
82	T	4-Chlorotoluene	50.000	46.453	7.1	91	0.00
83	T	tert-Butylbenzene	50.000	46.208	7.6	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	47.793	4.4	89	0.00
85	T	sec-Butylbenzene	50.000	47.085	5.8	88	0.00
86	T	p-Isopropyltoluene	50.000	46.670	6.7	87	0.00
87	T	1,3-Dichlorobenzene	50.000	45.621	8.8	87	0.00
88	T	1,4-Dichlorobenzene	50.000	45.328	9.3	87	0.00
89	T	n-Butylbenzene	50.000	46.121	7.8	87	0.00
90	T	Hexachloroethane	50.000	45.385	9.2	88	0.00
91	T	1,2-Dichlorobenzene	50.000	45.808	8.4	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	47.261	5.5	91	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.058	7.9	90	0.00
94	T	Hexachlorobutadiene	50.000	42.698	14.6	86	0.00
95	T	Naphthalene	50.000	46.909	6.2	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.434	7.1	90	0.00

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