Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080624\
Data File : VD079615.D
Acq On : 06 Aug 2024 11:32
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 07 02:46:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	46.205	7.6	76	0.00
3	P	Chloromethane	50.000	50.090	-0.2	84	0.00
4	C	Vinyl Chloride	50.000	50.294	-0.6#	80	0.00
5	T	Bromomethane	50.000	56.433	-12.9	89	0.00
6	T	Chloroethane	50.000	55.291	-10.6	93	0.00
7	T	Trichlorofluoromethane	50.000	47.939	4.1	76	0.00
8	T	Diethyl Ether	50.000	55.186	-10.4	98	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.896	6.2	74	0.00
10	T	Methyl Iodide	50.000	50.320	-0.6	74	0.00
11	T	Tert butyl alcohol	250.000	331.385	-32.6#	124	0.01
12	CM	1,1-Dichloroethene	50.000	48.134	3.7#	75	0.00
13	T	Acrolein	250.000	223.373	10.7	80	0.00
14	T	Allyl chloride	50.000	53.310	-6.6	85	0.00
15	T	Acrylonitrile	250.000	279.212	-11.7	110	0.00
16	T	Acetone	250.000	307.893	-23.2	114	0.00
17	T	Carbon Disulfide	50.000	46.449	7.1	72	0.00
18	T	Methyl Acetate	50.000	53.236	-6.5	110	-0.01
19	T	Methyl tert-butyl Ether	50.000	56.276	-12.6	101	0.00
20	T	Methylene Chloride	50.000	52.843	-5.7	83	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.904	0.2	78	0.00
22	T	Diisopropyl ether	50.000	56.654	-13.3	92	0.00
23	T	Vinyl Acetate	250.000	294.340	-17.7	103	0.00
24	P	1,1-Dichloroethane	50.000	51.947	-3.9	84	0.00
25	T	2-Butanone	250.000	298.467	-19.4	117	-0.02
26	T	2,2-Dichloropropane	50.000	52.070	-4.1	82	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.129	-4.3	82	0.00
28	T	Bromochloromethane	50.000	52.536	-5.1	99	0.00
29	T	Tetrahydrofuran	250.000	284.173	-13.7	114	0.00
30	C	Chloroform	50.000	52.334	-4.7#	85	0.00
31	T	Cyclohexane	50.000	46.952	6.1	76	0.00
32	T	1,1,1-Trichloroethane	50.000	49.851	0.3	78	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.166	-6.3	95	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	90	0.00
35	S	Dibromofluoromethane	50.000	47.960	4.1	87	0.00
36	T	1,1-Dichloropropene	50.000	47.335	5.3	78	0.00
37	T	Ethyl Acetate	50.000	53.177	-6.4	110	0.00
38	T	Carbon Tetrachloride	50.000	46.283	7.4	77	0.00
39	T	Methylcyclohexane	50.000	45.213	9.6	74	0.00
40	TM	Benzene	50.000	48.753	2.5	82	0.00
41	T	Methacrylonitrile	50.000	60.060	-20.1	137	-0.02
42	TM	1,2-Dichloroethane	50.000	50.409	-0.8	94	0.00
43	T	Isopropyl Acetate	50.000	52.736	-5.5	109	0.00
44	TM	Trichloroethene	50.000	46.239	7.5	78	0.00
45	C	1,2-Dichloropropane	50.000	50.918	-1.8#	89	0.00
46	T	Dibromomethane	50.000	49.749	0.5	94	0.00
47	T	Bromodichloromethane	50.000	50.393	-0.8	89	0.00
48	T	Methyl methacrylate	50.000	55.747	-11.5	109	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1000.128	-0.0	100	0.00
50	S	Toluene-d8	50.000	48.537	2.9	84	0.00
51	T	4-Methyl-2-Pentanone	250.000	278.064	-11.2	115	0.00
52	CM	Toluene	50.000	48.767	2.5#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	50.734	-1.5	93	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.626	-1.3	89	0.00
55	T	1,1,2-Trichloroethane	50.000	49.183	1.6	93	0.00
56	T	Ethyl methacrylate	50.000	55.023	-10.0	104	0.00
57	T	1,3-Dichloropropane	50.000	51.046	-2.1	96	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	273.121	-9.2	106	0.00
59	T	2-Hexanone	250.000	291.469	-16.6	116	0.00
60	T	Dibromochloromethane	50.000	48.679	2.6	90	0.00
61	T	1,2-Dibromoethane	50.000	48.809	2.4	93	0.00
62	S	4-Bromofluorobenzene	50.000	50.231	-0.5	89	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	42.937	14.1	72	0.00
65	PM	Chlorobenzene	50.000	47.262	5.5	82	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.321	3.4	84	0.00
67	C	Ethyl Benzene	50.000	49.264	1.5#	80	0.00
68	T	m/p-Xylenes	100.000	98.033	2.0	80	0.00
69	T	o-Xylene	50.000	49.448	1.1	81	0.00
70	T	Styrene	50.000	50.556	-1.1	83	0.00
71	P	Bromoform	50.000	47.204	5.6	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	45.081	9.8	80	0.00
74	T	N-amyl acetate	50.000	55.374	-10.7	112	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.087	-2.2	104	0.00
76	T	1,2,3-Trichloropropane	50.000	44.726	10.5	103	0.00
77	T	Bromobenzene	50.000	47.067	5.9	83	0.00
78	T	n-propylbenzene	50.000	49.404	1.2	80	0.00
79	T	2-Chlorotoluene	50.000	49.080	1.8	82	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.528	0.9	81	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.188	-2.4	106	0.00
82	T	4-Chlorotoluene	50.000	49.515	1.0	84	0.00
83	T	tert-Butylbenzene	50.000	44.091	11.8	79	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.533	8.9	82	0.00
85	T	sec-Butylbenzene	50.000	48.032	3.9	79	0.00
86	T	p-Isopropyltoluene	50.000	43.790	12.4	79	0.00
87	T	1,3-Dichlorobenzene	50.000	46.096	7.8	81	0.00
88	T	1,4-Dichlorobenzene	50.000	46.002	8.0	83	0.00
89	T	n-Butylbenzene	50.000	44.609	10.8	80	0.00
90	T	Hexachloroethane	50.000	46.206	7.6	79	0.00
91	T	1,2-Dichlorobenzene	50.000	47.447	5.1	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.902	-3.8	107	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.494	7.0	86	0.00
94	T	Hexachlorobutadiene	50.000	42.503	15.0	74	0.00
95	T	Naphthalene	50.000	51.679	-3.4	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	46.217	7.6	88	0.00

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