Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
Data File : VD076207.D
Acq On : 24 May 2023 11:01
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 24 16:23:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
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	82	0.00
2	T	Dichlorodifluoromethane	50.000	45.782	8.4	86	0.00
3	P	Chloromethane	50.000	49.172	1.7	81	0.00
4	C	Vinyl Chloride	50.000	49.750	0.5#	91	0.00
5	T	Bromomethane	50.000	48.254	3.5	85	0.00
6	T	Chloroethane	50.000	52.229	-4.5	94	0.00
7	T	Trichlorofluoromethane	50.000	46.576	6.8	89	0.00
8	T	Diethyl Ether	50.000	49.573	0.9	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.580	2.8	93	0.00
10	T	Methyl Iodide	50.000	53.763	-7.5	83	0.00
11	T	Tert butyl alcohol	250.000	257.856	-3.1	87	0.00
12	CM	1,1-Dichloroethene	50.000	48.002	4.0#	86	0.00
13	T	Acrolein	250.000	199.919	20.0	65	0.00
14	T	Allyl chloride	50.000	45.760	8.5	76	0.00
15	T	Acrylonitrile	250.000	256.007	-2.4	84	0.00
16	T	Acetone	250.000	277.043	-10.8	89	0.00
17	T	Carbon Disulfide	50.000	45.768	8.5	77	0.00
18	T	Methyl Acetate	50.000	51.637	-3.3	85	0.00
19	T	Methyl tert-butyl Ether	50.000	51.774	-3.5	83	0.00
20	T	Methylene Chloride	50.000	43.186	13.6	73	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.203	5.6	80	0.00
22	T	Diisopropyl ether	50.000	52.144	-4.3	81	0.00
23	T	Vinyl Acetate	250.000	312.367	-24.9	97	0.00
24	P	1,1-Dichloroethane	50.000	49.439	1.1	85	0.00
25	T	2-Butanone	250.000	267.768	-7.1	86	0.00
26	T	2,2-Dichloropropane	50.000	50.018	-0.0	88	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.959	0.1	81	0.00
28	T	Bromochloromethane	50.000	47.489	5.0	81	0.00
29	T	Tetrahydrofuran	250.000	263.985	-5.6	83	0.00
30	C	Chloroform	50.000	49.202	1.6#	85	0.00
31	T	Cyclohexane	50.000	48.482	3.0	90	0.00
32	T	1,1,1-Trichloroethane	50.000	48.882	2.2	87	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.093	11.8	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	87	0.00
35	S	Dibromofluoromethane	50.000	44.430	11.1	81	0.00
36	T	1,1-Dichloropropene	50.000	47.536	4.9	86	0.00
37	T	Ethyl Acetate	50.000	49.790	0.4	82	0.00
38	T	Carbon Tetrachloride	50.000	47.998	4.0	90	0.00
39	T	Methylcyclohexane	50.000	46.916	6.2	89	0.00
40	TM	Benzene	50.000	46.668	6.7	82	0.00
41	T	Methacrylonitrile	50.000	46.363	7.3	71	0.00
42	TM	1,2-Dichloroethane	50.000	45.834	8.3	81	0.00
43	T	Isopropyl Acetate	50.000	48.032	3.9	84	0.00
44	TM	Trichloroethene	50.000	45.129	9.7	82	0.00
45	C	1,2-Dichloropropane	50.000	46.664	6.7#	83	0.00
46	T	Dibromomethane	50.000	46.268	7.5	83	0.00
47	T	Bromodichloromethane	50.000	46.710	6.6	82	0.00
48	T	Methyl methacrylate	50.000	50.015	-0.0	84	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1065.124	-6.5	91	0.00
50	S	Toluene-d8	50.000	44.523	11.0	80	0.00
51	T	4-Methyl-2-Pentanone	250.000	253.274	-1.3	84	0.00
52	CM	Toluene	50.000	47.938	4.1#	83	0.00
53	T	t-1,3-Dichloropropene	50.000	47.248	5.5	81	0.00
54	T	cis-1,3-Dichloropropene	50.000	48.821	2.4	83	0.00
55	T	1,1,2-Trichloroethane	50.000	47.786	4.4	84	0.00
56	T	Ethyl methacrylate	50.000	49.350	1.3	80	0.00
57	T	1,3-Dichloropropane	50.000	48.150	3.7	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	243.114	2.8	81	0.00
59	T	2-Hexanone	250.000	266.706	-6.7	86	0.00
60	T	Dibromochloromethane	50.000	48.372	3.3	85	0.00
61	T	1,2-Dibromoethane	50.000	47.780	4.4	84	0.00
62	S	4-Bromofluorobenzene	50.000	45.195	9.6	83	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	43.606	12.8	80	0.00
65	PM	Chlorobenzene	50.000	47.360	5.3	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.119	3.8	87	0.00
67	C	Ethyl Benzene	50.000	49.739	0.5#	87	0.00
68	T	m/p-Xylenes	100.000	101.116	-1.1	88	0.00
69	T	o-Xylene	50.000	50.716	-1.4	86	0.00
70	T	Styrene	50.000	51.509	-3.0	88	0.00
71	P	Bromoform	50.000	46.372	7.3	82	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	93	0.00
73	T	Isopropylbenzene	50.000	49.942	0.1	91	0.00
74	T	N-amyl acetate	50.000	46.663	6.7	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.985	6.0	88	0.00
76	T	1,2,3-Trichloropropane	50.000	51.442	-2.9	108	0.00
77	T	Bromobenzene	50.000	45.145	9.7	82	0.00
78	T	n-propylbenzene	50.000	49.187	1.6	90	0.00
79	T	2-Chlorotoluene	50.000	48.011	4.0	87	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.352	1.3	88	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	46.775	6.5	84	0.00
82	T	4-Chlorotoluene	50.000	46.473	7.1	85	0.00
83	T	tert-Butylbenzene	50.000	49.467	1.1	91	0.00
84	T	1,2,4-Trimethylbenzene	50.000	49.567	0.9	88	0.00
85	T	sec-Butylbenzene	50.000	49.726	0.5	93	0.00
86	T	p-Isopropyltoluene	50.000	49.967	0.1	91	0.00
87	T	1,3-Dichlorobenzene	50.000	46.972	6.1	87	0.00
88	T	1,4-Dichlorobenzene	50.000	47.174	5.7	89	0.00
89	T	n-Butylbenzene	50.000	49.541	0.9	92	0.00
90	T	Hexachloroethane	50.000	46.724	6.6	92	0.00
91	T	1,2-Dichlorobenzene	50.000	46.009	8.0	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	45.715	8.6	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	44.682	10.6	79	0.00
94	T	Hexachlorobutadiene	50.000	42.243	15.5	80	0.00
95	T	Naphthalene	50.000	48.190	3.6	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	44.872	10.3	78	0.00

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