Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051923\
Data File : VD076167.D
Acq On : 19 May 2023 20:39
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 22 01:32:28 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	71	0.00
2	T	Dichlorodifluoromethane	50.000	44.463	11.1	73	0.00
3	P	Chloromethane	50.000	57.403	-14.8	80	0.00
4	C	Vinyl Chloride	50.000	52.935	-5.9#	84	0.00
5	T	Bromomethane	50.000	47.298	5.4	72	0.00
6	T	Chloroethane	50.000	51.857	-3.7	80	0.00
7	T	Trichlorofluoromethane	50.000	46.607	6.8	77	0.00
8	T	Diethyl Ether	50.000	49.934	0.1	71	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.882	4.2	79	0.00
10	T	Methyl Iodide	50.000	52.873	-5.7	71	0.00
11	T	Tert butyl alcohol	250.000	289.658	-15.9	85	0.02
12	CM	1,1-Dichloroethene	50.000	46.663	6.7#	72	0.00
13	T	Acrolein	250.000	211.315	15.5	59	0.00
14	T	Allyl chloride	50.000	50.065	-0.1	72	-0.01
15	T	Acrylonitrile	250.000	279.128	-11.7	79	0.00
16	T	Acetone	250.000	218.570	12.6	61	0.00
17	T	Carbon Disulfide	50.000	49.130	1.7	71	0.00
18	T	Methyl Acetate	50.000	53.589	-7.2	76	0.00
19	T	Methyl tert-butyl Ether	50.000	53.969	-7.9	75	0.00
20	T	Methylene Chloride	50.000	47.970	4.1	68	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.132	3.7	70	0.00
22	T	Diisopropyl ether	50.000	54.977	-10.0	74	0.00
23	T	Vinyl Acetate	250.000	276.808	-10.7	75	0.00
24	P	1,1-Dichloroethane	50.000	50.500	-1.0	75	0.00
25	T	2-Butanone	250.000	271.861	-8.7	75	0.00
26	T	2,2-Dichloropropane	50.000	48.183	3.6	73	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.728	-3.5	73	0.00
28	T	Bromochloromethane	50.000	54.294	-8.6	81	0.00
29	T	Tetrahydrofuran	250.000	286.288	-14.5	77	0.00
30	C	Chloroform	50.000	50.312	-0.6#	75	0.00
31	T	Cyclohexane	50.000	46.659	6.7	75	0.00
32	T	1,1,1-Trichloroethane	50.000	47.988	4.0	74	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.277	-2.6	79	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	47.416	5.2	77	0.00
36	T	1,1-Dichloropropene	50.000	46.628	6.7	75	0.00
37	T	Ethyl Acetate	50.000	52.197	-4.4	76	0.00
38	T	Carbon Tetrachloride	50.000	45.180	9.6	75	0.00
39	T	Methylcyclohexane	50.000	45.830	8.3	77	0.00
40	TM	Benzene	50.000	47.220	5.6	74	0.00
41	T	Methacrylonitrile	50.000	41.783	16.4	57	0.00
42	TM	1,2-Dichloroethane	50.000	48.583	2.8	77	0.00
43	T	Isopropyl Acetate	50.000	50.218	-0.4	78	0.00
44	TM	Trichloroethene	50.000	43.752	12.5	71	0.00
45	C	1,2-Dichloropropane	50.000	48.135	3.7#	76	0.00
46	T	Dibromomethane	50.000	48.612	2.8	77	0.00
47	T	Bromodichloromethane	50.000	48.290	3.4	76	0.00
48	T	Methyl methacrylate	50.000	54.406	-8.8	81	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1123.086	-12.3	85	0.00
50	S	Toluene-d8	50.000	47.723	4.6	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	263.991	-5.6	78	0.00
52	CM	Toluene	50.000	48.845	2.3#	75	0.00
53	T	t-1,3-Dichloropropene	50.000	48.979	2.0	74	0.00
54	T	cis-1,3-Dichloropropene	50.000	49.284	1.4	75	0.00
55	T	1,1,2-Trichloroethane	50.000	48.911	2.2	76	0.00
56	T	Ethyl methacrylate	50.000	54.406	-8.8	78	0.00
57	T	1,3-Dichloropropane	50.000	50.301	-0.6	77	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.498	-4.6	77	0.00
59	T	2-Hexanone	250.000	259.084	-3.6	74	0.00
60	T	Dibromochloromethane	50.000	49.782	0.4	77	0.00
61	T	1,2-Dibromoethane	50.000	50.647	-1.3	79	0.00
62	S	4-Bromofluorobenzene	50.000	49.309	1.4	81	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	81	0.00
64	T	Tetrachloroethene	50.000	41.573	16.9	70	0.00
65	PM	Chlorobenzene	50.000	45.431	9.1	75	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	46.170	7.7	77	0.00
67	C	Ethyl Benzene	50.000	47.879	4.2#	77	0.00
68	T	m/p-Xylenes	100.000	97.839	2.2	78	0.00
69	T	o-Xylene	50.000	49.089	1.8	77	0.00
70	T	Styrene	50.000	51.042	-2.1	80	0.00
71	P	Bromoform	50.000	45.914	8.2	75	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73	T	Isopropylbenzene	50.000	47.127	5.7	79	0.00
74	T	N-amyl acetate	50.000	47.067	5.9	76	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	47.972	4.1	83	0.00
76	T	1,2,3-Trichloropropane	50.000	51.193	-2.4	100	0.00
77	T	Bromobenzene	50.000	43.257	13.5	73	0.00
78	T	n-propylbenzene	50.000	47.491	5.0	80	0.00
79	T	2-Chlorotoluene	50.000	46.915	6.2	79	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.074	3.9	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.856	0.3	83	0.00
82	T	4-Chlorotoluene	50.000	46.084	7.8	78	0.00
83	T	tert-Butylbenzene	50.000	47.127	5.7	80	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.613	2.8	79	0.00
85	T	sec-Butylbenzene	50.000	47.245	5.5	82	0.00
86	T	p-Isopropyltoluene	50.000	47.835	4.3	80	0.00
87	T	1,3-Dichlorobenzene	50.000	46.202	7.6	79	0.00
88	T	1,4-Dichlorobenzene	50.000	45.071	9.9	78	0.00
89	T	n-Butylbenzene	50.000	46.781	6.4	81	0.00
90	T	Hexachloroethane	50.000	45.030	9.9	82	0.00
91	T	1,2-Dichlorobenzene	50.000	45.995	8.0	80	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	48.176	3.6	82	0.00
93	T	1,2,4-Trichlorobenzene	50.000	41.928	16.1	68	0.00
94	T	Hexachlorobutadiene	50.000	38.394	23.2	67	0.00
95	T	Naphthalene	50.000	48.361	3.3	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	41.381	17.2	67	0.00

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