Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
Data File : VD072128.D
Acq On : 28 Feb 2022 17:50
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 01 08:14:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
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	85	0.00
2	T	Dichlorodifluoromethane	50.000	38.591	22.8	71	0.00
3	P	Chloromethane	50.000	43.358	13.3	77	0.00
4	C	Vinyl Chloride	50.000	40.243	19.5#	73	0.00
5	T	Bromomethane	50.000	40.563	18.9	70	0.00
6	T	Chloroethane	50.000	42.090	15.8	75	0.00
7	T	Trichlorofluoromethane	50.000	43.223	13.6	78	0.00
8	T	Diethyl Ether	50.000	44.289	11.4	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	42.197	15.6	74	0.00
10	T	Methyl Iodide	50.000	34.090	31.8#	56	0.00
11	T	Tert butyl alcohol	250.000	211.938	15.2	81	0.00
12	CM	1,1-Dichloroethene	50.000	41.895	16.2#	73	0.00
13	T	Acrolein	250.000	221.029	11.6	86	0.00
14	T	Allyl chloride	50.000	41.350	17.3	70	0.00
15	T	Acrylonitrile	250.000	204.723	18.1	72	0.00
16	T	Acetone	250.000	223.709	10.5	80	0.00
17	T	Carbon Disulfide	50.000	40.440	19.1	67	0.00
18	T	Methyl Acetate	50.000	38.919	22.2	72	0.01
19	T	Methyl tert-butyl Ether	50.000	45.940	8.1	78	0.00
20	T	Methylene Chloride	50.000	42.296	15.4	77	0.00
21	T	trans-1,2-Dichloroethene	50.000	43.216	13.6	74	0.00
22	T	Diisopropyl ether	50.000	44.557	10.9	75	0.00
23	T	Vinyl Acetate	250.000	232.980	6.8	75	0.00
24	P	1,1-Dichloroethane	50.000	43.272	13.5	76	0.00
25	T	2-Butanone	250.000	218.534	12.6	78	0.00
26	T	2,2-Dichloropropane	50.000	44.710	10.6	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.446	11.1	76	0.00
28	T	Bromochloromethane	50.000	50.747	-1.5	85	0.00
29	T	Tetrahydrofuran	250.000	209.141	16.3	74	0.00
30	C	Chloroform	50.000	43.787	12.4#	77	0.00
31	T	Cyclohexane	50.000	40.275	19.5	72	0.00
32	T	1,1,1-Trichloroethane	50.000	44.834	10.3	79	0.00
33	S	1,2-Dichloroethane-d4	50.000	53.539	-7.1	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	85	0.00
35	S	Dibromofluoromethane	50.000	54.131	-8.3	84	0.00
36	T	1,1-Dichloropropene	50.000	44.147	11.7	75	0.00
37	T	Ethyl Acetate	50.000	43.934	12.1	77	0.00
38	T	Carbon Tetrachloride	50.000	46.074	7.9	79	0.00
39	T	Methylcyclohexane	50.000	44.527	10.9	73	0.00
40	TM	Benzene	50.000	44.179	11.6	74	0.00
41	T	Methacrylonitrile	50.000	38.193	23.6	71	0.00
42	TM	1,2-Dichloroethane	50.000	44.397	11.2	77	0.00
43	T	Isopropyl Acetate	50.000	44.037	11.9	76	0.00
44	TM	Trichloroethene	50.000	43.981	12.0	76	0.00
45	C	1,2-Dichloropropane	50.000	43.383	13.2#	75	0.00
46	T	Dibromomethane	50.000	43.726	12.5	77	0.00
47	T	Bromodichloromethane	50.000	45.641	8.7	79	0.00
48	T	Methyl methacrylate	50.000	44.516	11.0	76	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	901.724	9.8	80	0.00
50	S	Toluene-d8	50.000	56.342	-12.7	83	0.00
51	T	4-Methyl-2-Pentanone	250.000	221.626	11.3	76	0.00
52	CM	Toluene	50.000	45.539	8.9#	76	0.00
53	T	t-1,3-Dichloropropene	50.000	47.439	5.1	80	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.211	7.6	79	0.00
55	T	1,1,2-Trichloroethane	50.000	45.349	9.3	78	0.00
56	T	Ethyl methacrylate	50.000	46.596	6.8	78	0.00
57	T	1,3-Dichloropropane	50.000	44.760	10.5	76	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.926	3.6	84	0.00
59	T	2-Hexanone	250.000	228.607	8.6	79	0.00
60	T	Dibromochloromethane	50.000	44.625	10.8	77	0.00
61	T	1,2-Dibromoethane	50.000	43.044	13.9	76	0.00
62	S	4-Bromofluorobenzene	50.000	54.747	-9.5	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64	T	Tetrachloroethene	50.000	44.291	11.4	77	0.00
65	PM	Chlorobenzene	50.000	44.566	10.9	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	44.638	10.7	77	0.00
67	C	Ethyl Benzene	50.000	45.859	8.3#	76	0.00
68	T	m/p-Xylenes	100.000	92.634	7.4	76	0.00
69	T	o-Xylene	50.000	46.922	6.2	77	0.00
70	T	Styrene	50.000	46.929	6.1	76	0.00
71	P	Bromoform	50.000	43.962	12.1	79	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	45.588	8.8	77	0.00
74	T	N-amyl acetate	50.000	43.117	13.8	76	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	41.452	17.1	77	0.00
76	T	1,2,3-Trichloropropane	50.000	40.482	19.0	80	0.00
77	T	Bromobenzene	50.000	44.399	11.2	76	0.00
78	T	n-propylbenzene	50.000	45.730	8.5	77	0.00
79	T	2-Chlorotoluene	50.000	45.118	9.8	78	0.00
80	T	1,3,5-Trimethylbenzene	50.000	46.334	7.3	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.535	4.9	84	0.00
82	T	4-Chlorotoluene	50.000	44.969	10.1	78	0.00
83	T	tert-Butylbenzene	50.000	46.648	6.7	77	0.00
84	T	1,2,4-Trimethylbenzene	50.000	46.861	6.3	79	0.00
85	T	sec-Butylbenzene	50.000	45.917	8.2	77	0.00
86	T	p-Isopropyltoluene	50.000	46.684	6.6	78	0.00
87	T	1,3-Dichlorobenzene	50.000	44.830	10.3	78	0.00
88	T	1,4-Dichlorobenzene	50.000	43.950	12.1	79	0.00
89	T	n-Butylbenzene	50.000	46.025	8.0	78	0.00
90	T	Hexachloroethane	50.000	43.294	13.4	76	0.00
91	T	1,2-Dichlorobenzene	50.000	44.393	11.2	77	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	41.723	16.6	76	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.810	8.4	79	0.00
94	T	Hexachlorobutadiene	50.000	45.626	8.7	78	0.00
95	T	Naphthalene	50.000	46.528	6.9	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	45.939	8.1	79	0.00

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