Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071922\
Data File : VD073857.D
Acq On : 19 Jul 2022 12:43
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jul 19 15:41:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 19 01:56:16 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	102	0.00
2	T	Dichlorodifluoromethane	50.000	61.324	-22.6	125	0.00
3	P	Chloromethane	50.000	63.456	-26.9#	116	0.00
4	C	Vinyl Chloride	50.000	49.332	1.3#	102	0.00
5	T	Bromomethane	50.000	41.393	17.2	93	0.00
6	T	Chloroethane	50.000	50.291	-0.6	103	0.00
7	T	Trichlorofluoromethane	50.000	51.546	-3.1	108	0.00
8	T	Diethyl Ether	50.000	46.663	6.7	96	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.601	-7.2	111	0.00
10	T	Methyl Iodide	50.000	52.140	-4.3	95	0.00
11	T	Tert butyl alcohol	250.000	183.669	26.5#	77	0.00
12	CM	1,1-Dichloroethene	50.000	55.295	-10.6#	111	0.00
13	T	Acrolein	250.000	249.090	0.4	113	0.00
14	T	Allyl chloride	50.000	51.078	-2.2	104	0.00
15	T	Acrylonitrile	250.000	218.532	12.6	86	0.00
16	T	Acetone	250.000	211.958	15.2	73	0.00
17	T	Carbon Disulfide	50.000	53.882	-7.8	111	0.00
18	T	Methyl Acetate	50.000	44.631	10.7	87	-0.01
19	T	Methyl tert-butyl Ether	50.000	47.197	5.6	93	0.00
20	T	Methylene Chloride	50.000	54.759	-9.5	106	-0.01
21	T	trans-1,2-Dichloroethene	50.000	53.879	-7.8	109	0.00
22	T	Diisopropyl ether	50.000	49.895	0.2	101	0.00
23	T	Vinyl Acetate	250.000	243.958	2.4	94	0.00
24	P	1,1-Dichloroethane	50.000	51.786	-3.6	107	0.00
25	T	2-Butanone	250.000	211.029	15.6	84	0.00
26	T	2,2-Dichloropropane	50.000	55.694	-11.4	115	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.274	-4.5	108	0.00
28	T	Bromochloromethane	50.000	47.677	4.6	92	0.00
29	T	Tetrahydrofuran	250.000	216.009	13.6	86	0.00
30	C	Chloroform	50.000	51.622	-3.2#	106	0.00
31	T	Cyclohexane	50.000	51.315	-2.6	110	0.00
32	T	1,1,1-Trichloroethane	50.000	52.817	-5.6	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.965	10.1	93	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	101	0.00
35	S	Dibromofluoromethane	50.000	48.658	2.7	100	0.00
36	T	1,1-Dichloropropene	50.000	55.465	-10.9	110	0.00
37	T	Ethyl Acetate	50.000	45.183	9.6	98	0.00
38	T	Carbon Tetrachloride	50.000	50.977	-2.0	105	0.00
39	T	Methylcyclohexane	50.000	56.313	-12.6	110	0.00
40	TM	Benzene	50.000	52.935	-5.9	105	0.00
41	T	Methacrylonitrile	50.000	46.037	7.9	94	0.00
42	TM	1,2-Dichloroethane	50.000	47.922	4.2	96	0.00
43	T	Isopropyl Acetate	50.000	45.622	8.8	89	0.00
44	TM	Trichloroethene	50.000	54.634	-9.3	112	0.00
45	C	1,2-Dichloropropane	50.000	50.258	-0.5#	101	0.00
46	T	Dibromomethane	50.000	48.180	3.6	95	0.00
47	T	Bromodichloromethane	50.000	49.909	0.2	101	0.00
48	T	Methyl methacrylate	50.000	45.038	9.9	88	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	867.389	13.3	88	0.00
50	S	Toluene-d8	50.000	52.122	-4.2	103	0.00
51	T	4-Methyl-2-Pentanone	250.000	220.469	11.8	86	0.00
52	CM	Toluene	50.000	53.707	-7.4#	105	0.00
53	T	t-1,3-Dichloropropene	50.000	49.958	0.1	97	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.044	-4.1	101	0.00
55	T	1,1,2-Trichloroethane	50.000	47.741	4.5	96	0.00
56	T	Ethyl methacrylate	50.000	47.273	5.5	89	0.00
57	T	1,3-Dichloropropane	50.000	47.574	4.9	95	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	153.512	38.6#	61	0.00
59	T	2-Hexanone	250.000	226.881	9.2	85	0.00
60	T	Dibromochloromethane	50.000	47.544	4.9	93	0.00
61	T	1,2-Dibromoethane	50.000	46.892	6.2	93	0.00
62	S	4-Bromofluorobenzene	50.000	50.125	-0.3	100	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	96	0.00
64	T	Tetrachloroethene	50.000	59.919	-19.8	112	0.00
65	PM	Chlorobenzene	50.000	54.030	-8.1	101	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.972	-5.9	101	0.00
67	C	Ethyl Benzene	50.000	57.201	-14.4#	107	0.00
68	T	m/p-Xylenes	100.000	115.931	-15.9	104	0.00
69	T	o-Xylene	50.000	57.057	-14.1	104	0.00
70	T	Styrene	50.000	55.475	-11.0	102	0.00
71	P	Bromoform	50.000	47.329	5.3	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	57.021	-14.0	106	0.00
74	T	N-amyl acetate	50.000	47.362	5.3	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	46.217	7.6	86	0.00
76	T	1,2,3-Trichloropropane	50.000	45.870	8.3	101	0.00
77	T	Bromobenzene	50.000	53.017	-6.0	99	0.00
78	T	n-propylbenzene	50.000	56.941	-13.9	105	0.00
79	T	2-Chlorotoluene	50.000	55.438	-10.9	104	0.00
80	T	1,3,5-Trimethylbenzene	50.000	56.342	-12.7	103	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	45.800	8.4	82	0.00
82	T	4-Chlorotoluene	50.000	54.956	-9.9	101	0.00
83	T	tert-Butylbenzene	50.000	57.550	-15.1	106	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.800	-11.6	102	0.00
85	T	sec-Butylbenzene	50.000	58.154	-16.3	106	0.00
86	T	p-Isopropyltoluene	50.000	57.995	-16.0	103	0.00
87	T	1,3-Dichlorobenzene	50.000	53.498	-7.0	99	0.00
88	T	1,4-Dichlorobenzene	50.000	52.428	-4.9	98	0.00
89	T	n-Butylbenzene	50.000	57.722	-15.4	105	0.00
90	T	Hexachloroethane	50.000	49.641	0.7	91	0.00
91	T	1,2-Dichlorobenzene	50.000	51.682	-3.4	95	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	44.804	10.4	81	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.130	-2.3	94	0.00
94	T	Hexachlorobutadiene	50.000	54.042	-8.1	103	0.00
95	T	Naphthalene	50.000	48.854	2.3	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.887	2.2	87	0.00

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