Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060722\
Data File : VD073498.D
Acq On : 07 Jun 2022 16:00
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jun 08 06:45:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 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	111	0.00
2	T	Dichlorodifluoromethane	50.000	52.350	-4.7	133	0.00
3	P	Chloromethane	50.000	44.541	10.9	113	0.00
4	C	Vinyl Chloride	50.000	47.490	5.0#	114	0.00
5	T	Bromomethane	50.000	46.586	6.8	103	-0.01
6	T	Chloroethane	50.000	48.533	2.9	115	0.00
7	T	Trichlorofluoromethane	50.000	49.862	0.3	119	-0.01
8	T	Diethyl Ether	50.000	56.048	-12.1	127	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.840	-1.7	122	-0.01
10	T	Methyl Iodide	50.000	50.190	-0.4	112	0.00
11	T	Tert butyl alcohol	250.000	178.560	28.6#	153	0.00
12	CM	1,1-Dichloroethene	50.000	51.626	-3.3#	119	0.00
13	T	Acrolein	250.000	109.801	56.1#	55	0.00
14	T	Allyl chloride	50.000	50.515	-1.0	116	-0.01
15	T	Acrylonitrile	250.000	273.273	-9.3	125	0.00
16	T	Acetone	250.000	277.977	-11.2	143	0.00
17	T	Carbon Disulfide	50.000	45.754	8.5	109	0.00
18	T	Methyl Acetate	50.000	53.185	-6.4	127	0.00
19	T	Methyl tert-butyl Ether	50.000	55.064	-10.1	124	0.00
20	T	Methylene Chloride	50.000	58.879	-17.8	133	-0.01
21	T	trans-1,2-Dichloroethene	50.000	51.228	-2.5	118	0.00
22	T	Diisopropyl ether	50.000	53.000	-6.0	117	-0.01
23	T	Vinyl Acetate	250.000	271.087	-8.4	120	0.00
24	P	1,1-Dichloroethane	50.000	49.231	1.5	116	-0.01
25	T	2-Butanone	250.000	276.296	-10.5	131	0.00
26	T	2,2-Dichloropropane	50.000	49.826	0.3	118	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.424	-2.8	118	-0.01
28	T	Bromochloromethane	50.000	43.046	13.9	98	-0.01
29	T	Tetrahydrofuran	250.000	273.402	-9.4	125	0.00
30	C	Chloroform	50.000	49.295	1.4#	116	-0.01
31	T	Cyclohexane	50.000	47.082	5.8	112	0.00
32	T	1,1,1-Trichloroethane	50.000	49.027	1.9	115	-0.01
33	S	1,2-Dichloroethane-d4	50.000	45.485	9.0	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	111	0.00
35	S	Dibromofluoromethane	50.000	48.058	3.9	106	-0.01
36	T	1,1-Dichloropropene	50.000	51.432	-2.9	116	0.00
37	T	Ethyl Acetate	50.000	55.928	-11.9	129	0.00
38	T	Carbon Tetrachloride	50.000	51.022	-2.0	113	0.00
39	T	Methylcyclohexane	50.000	59.160	-18.3	128	0.00
40	TM	Benzene	50.000	51.537	-3.1	117	0.00
41	T	Methacrylonitrile	50.000	61.894	-23.8	160	0.00
42	TM	1,2-Dichloroethane	50.000	50.019	-0.0	113	0.00
43	T	Isopropyl Acetate	50.000	59.547	-19.1	132	0.00
44	TM	Trichloroethene	50.000	53.145	-6.3	120	0.00
45	C	1,2-Dichloropropane	50.000	53.108	-6.2#	120	0.00
46	T	Dibromomethane	50.000	51.574	-3.1	118	0.00
47	T	Bromodichloromethane	50.000	51.048	-2.1	116	0.00
48	T	Methyl methacrylate	50.000	56.287	-12.6	125	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1209.699	-21.0	137	0.00
50	S	Toluene-d8	50.000	48.675	2.7	106	0.00
51	T	4-Methyl-2-Pentanone	250.000	284.296	-13.7	125	0.00
52	CM	Toluene	50.000	53.665	-7.3#	117	0.00
53	T	t-1,3-Dichloropropene	50.000	53.993	-8.0	122	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.840	-7.7	120	0.00
55	T	1,1,2-Trichloroethane	50.000	56.490	-13.0	128	0.00
56	T	Ethyl methacrylate	50.000	64.424	-28.8#	134	0.00
57	T	1,3-Dichloropropane	50.000	54.742	-9.5	121	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.504	-9.8	132	0.00
59	T	2-Hexanone	250.000	316.145	-26.5#	137	0.00
60	T	Dibromochloromethane	50.000	54.561	-9.1	124	0.00
61	T	1,2-Dibromoethane	50.000	55.814	-11.6	127	0.00
62	S	4-Bromofluorobenzene	50.000	52.780	-5.6	117	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	114	0.00
64	T	Tetrachloroethene	50.000	52.912	-5.8	124	0.00
65	PM	Chlorobenzene	50.000	52.797	-5.6	123	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.608	-3.2	118	0.00
67	C	Ethyl Benzene	50.000	53.516	-7.0#	119	0.00
68	T	m/p-Xylenes	100.000	108.719	-8.7	119	0.00
69	T	o-Xylene	50.000	55.743	-11.5	123	0.00
70	T	Styrene	50.000	55.793	-11.6	121	0.00
71	P	Bromoform	50.000	55.959	-11.9	130	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	116	0.00
73	T	Isopropylbenzene	50.000	54.871	-9.7	121	0.00
74	T	N-amyl acetate	50.000	57.858	-15.7	131	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.265	-6.5	126	0.00
76	T	1,2,3-Trichloropropane	50.000	49.889	0.2	117	0.00
77	T	Bromobenzene	50.000	53.732	-7.5	125	0.00
78	T	n-propylbenzene	50.000	54.089	-8.2	120	0.00
79	T	2-Chlorotoluene	50.000	53.188	-6.4	121	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.682	-9.4	122	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.393	-12.8	128	0.00
82	T	4-Chlorotoluene	50.000	53.179	-6.4	120	0.00
83	T	tert-Butylbenzene	50.000	54.335	-8.7	121	0.00
84	T	1,2,4-Trimethylbenzene	50.000	55.002	-10.0	124	0.00
85	T	sec-Butylbenzene	50.000	54.353	-8.7	122	0.00
86	T	p-Isopropyltoluene	50.000	56.072	-12.1	125	0.00
87	T	1,3-Dichlorobenzene	50.000	53.785	-7.6	125	0.00
88	T	1,4-Dichlorobenzene	50.000	52.593	-5.2	125	0.00
89	T	n-Butylbenzene	50.000	55.413	-10.8	122	0.00
90	T	Hexachloroethane	50.000	52.440	-4.9	123	0.00
91	T	1,2-Dichlorobenzene	50.000	54.440	-8.9	127	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.336	-4.7	126	0.00
93	T	1,2,4-Trichlorobenzene	50.000	59.605	-19.2	134	0.00
94	T	Hexachlorobutadiene	50.000	55.607	-11.2	134	0.00
95	T	Naphthalene	50.000	55.012	-10.0	137	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	58.332	-16.7	132	0.00

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