Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
Data File : VD073759.D
Acq On : 01 Jul 2022 08:58
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 05 05:00:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 05 04:59:39 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	93	0.00
2	T	Dichlorodifluoromethane	50.000	46.576	6.8	107	0.00
3	P	Chloromethane	50.000	46.994	6.0	105	0.00
4	C	Vinyl Chloride	50.000	49.924	0.2#	109	0.00
5	T	Bromomethane	50.000	59.240	-18.5	115	0.01
6	T	Chloroethane	50.000	50.397	-0.8	108	0.00
7	T	Trichlorofluoromethane	50.000	50.067	-0.1	104	0.00
8	T	Diethyl Ether	50.000	52.479	-5.0	108	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	50.031	-0.1	105	0.00
10	T	Methyl Iodide	50.000	54.611	-9.2	111	0.00
11	T	Tert butyl alcohol	250.000	151.707	39.3#	98	-0.02
12	CM	1,1-Dichloroethene	50.000	48.762	2.5#	105	0.00
13	T	Acrolein	250.000	146.293	41.5#	100	-0.01
14	T	Allyl chloride	50.000	52.168	-4.3	106	0.00
15	T	Acrylonitrile	250.000	275.092	-10.0	110	0.00
16	T	Acetone	250.000	279.714	-11.9	114	0.00
17	T	Carbon Disulfide	50.000	47.645	4.7	106	0.00
18	T	Methyl Acetate	50.000	52.685	-5.4	115	0.00
19	T	Methyl tert-butyl Ether	50.000	54.333	-8.7	109	0.00
20	T	Methylene Chloride	50.000	51.442	-2.9	99	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.050	1.9	104	0.00
22	T	Diisopropyl ether	50.000	54.585	-9.2	109	0.00
23	T	Vinyl Acetate	250.000	303.998	-21.6	109	0.00
24	P	1,1-Dichloroethane	50.000	52.547	-5.1	107	0.00
25	T	2-Butanone	250.000	275.201	-10.1	111	0.00
26	T	2,2-Dichloropropane	50.000	54.185	-8.4	108	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.318	-4.6	106	0.00
28	T	Bromochloromethane	50.000	47.526	4.9	86	0.00
29	T	Tetrahydrofuran	250.000	268.791	-7.5	108	-0.01
30	C	Chloroform	50.000	53.958	-7.9#	109	0.00
31	T	Cyclohexane	50.000	52.388	-4.8	104	0.00
32	T	1,1,1-Trichloroethane	50.000	52.631	-5.3	107	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.965	8.1	98	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35	S	Dibromofluoromethane	50.000	47.519	5.0	99	0.00
36	T	1,1-Dichloropropene	50.000	50.602	-1.2	107	0.00
37	T	Ethyl Acetate	50.000	53.358	-6.7	105	0.00
38	T	Carbon Tetrachloride	50.000	52.699	-5.4	109	0.00
39	T	Methylcyclohexane	50.000	47.893	4.2	103	0.00
40	TM	Benzene	50.000	51.421	-2.8	108	0.00
41	T	Methacrylonitrile	50.000	57.783	-15.6	116	0.00
42	TM	1,2-Dichloroethane	50.000	54.092	-8.2	110	0.00
43	T	Isopropyl Acetate	50.000	53.692	-7.4	109	0.00
44	TM	Trichloroethene	50.000	51.678	-3.4	106	0.00
45	C	1,2-Dichloropropane	50.000	52.172	-4.3#	108	0.00
46	T	Dibromomethane	50.000	53.863	-7.7	109	0.00
47	T	Bromodichloromethane	50.000	53.916	-7.8	109	0.00
48	T	Methyl methacrylate	50.000	50.479	-1.0	100	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	1023.172	-2.3	104	0.00
50	S	Toluene-d8	50.000	43.189	13.6	98	0.00
51	T	4-Methyl-2-Pentanone	250.000	276.549	-10.6	110	0.00
52	CM	Toluene	50.000	51.838	-3.7#	108	0.00
53	T	t-1,3-Dichloropropene	50.000	53.545	-7.1	110	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.609	-7.2	110	0.00
55	T	1,1,2-Trichloroethane	50.000	53.892	-7.8	108	0.00
56	T	Ethyl methacrylate	50.000	53.592	-7.2	108	0.00
57	T	1,3-Dichloropropane	50.000	53.992	-8.0	110	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	206.554	17.4	85	0.00
59	T	2-Hexanone	250.000	275.348	-10.1	110	0.00
60	T	Dibromochloromethane	50.000	53.585	-7.2	108	0.00
61	T	1,2-Dibromoethane	50.000	53.225	-6.5	107	0.00
62	S	4-Bromofluorobenzene	50.000	44.315	11.4	96	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	48.302	3.4	107	0.00
65	PM	Chlorobenzene	50.000	52.792	-5.6	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.393	-8.8	107	0.00
67	C	Ethyl Benzene	50.000	53.006	-6.0#	109	0.00
68	T	m/p-Xylenes	100.000	104.091	-4.1	108	0.00
69	T	o-Xylene	50.000	52.567	-5.1	107	0.00
70	T	Styrene	50.000	53.076	-6.2	107	0.00
71	P	Bromoform	50.000	55.433	-10.9	111	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	94	0.00
73	T	Isopropylbenzene	50.000	52.813	-5.6	106	0.00
74	T	N-amyl acetate	50.000	53.814	-7.6	107	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.920	-7.8	106	0.00
76	T	1,2,3-Trichloropropane	50.000	48.310	3.4	93	0.00
77	T	Bromobenzene	50.000	54.018	-8.0	109	0.00
78	T	n-propylbenzene	50.000	52.059	-4.1	106	0.00
79	T	2-Chlorotoluene	50.000	52.942	-5.9	107	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.317	-4.6	107	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.062	-16.1	110	0.00
82	T	4-Chlorotoluene	50.000	52.755	-5.5	108	0.00
83	T	tert-Butylbenzene	50.000	53.995	-8.0	110	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.506	-3.0	104	0.00
85	T	sec-Butylbenzene	50.000	51.965	-3.9	106	0.00
86	T	p-Isopropyltoluene	50.000	51.768	-3.5	105	0.00
87	T	1,3-Dichlorobenzene	50.000	52.570	-5.1	105	0.00
88	T	1,4-Dichlorobenzene	50.000	52.602	-5.2	106	0.00
89	T	n-Butylbenzene	50.000	51.170	-2.3	104	0.00
90	T	Hexachloroethane	50.000	52.666	-5.3	110	0.00
91	T	1,2-Dichlorobenzene	50.000	53.105	-6.2	106	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.938	-7.9	115	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.464	-4.9	105	0.00
94	T	Hexachlorobutadiene	50.000	48.970	2.1	100	0.00
95	T	Naphthalene	50.000	54.087	-8.2	106	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.894	-5.8	106	0.00

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