Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
Data File : VD074055.D
Acq On : 11 Aug 2022 21:43
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 12 01:20:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 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	47.118	5.8	81	0.00
3	P	Chloromethane	50.000	57.922	-15.8	95	0.00
4	C	Vinyl Chloride	50.000	46.576	6.8#	83	0.00
5	T	Bromomethane	50.000	41.580	16.8	74	0.00
6	T	Chloroethane	50.000	52.452	-4.9	96	0.00
7	T	Trichlorofluoromethane	50.000	53.125	-6.3	97	0.00
8	T	Diethyl Ether	50.000	50.647	-1.3	95	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.272	5.5	86	0.00
10	T	Methyl Iodide	50.000	43.453	13.1	70	0.00
11	T	Tert butyl alcohol	250.000	297.052	-18.8	101	0.00
12	CM	1,1-Dichloroethene	50.000	47.731	4.5#	83	0.00
13	T	Acrolein	250.000	270.121	-8.0	89	0.01
14	T	Allyl chloride	50.000	48.784	2.4	83	0.00
15	T	Acrylonitrile	250.000	264.531	-5.8	94	0.00
16	T	Acetone	250.000	250.959	-0.4	97	0.00
17	T	Carbon Disulfide	50.000	45.637	8.7	81	0.00
18	T	Methyl Acetate	50.000	57.886	-15.8	98	0.00
19	T	Methyl tert-butyl Ether	50.000	52.689	-5.4	90	0.00
20	T	Methylene Chloride	50.000	56.650	-13.3	94	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.045	-0.1	87	0.00
22	T	Diisopropyl ether	50.000	53.059	-6.1	89	0.00
23	T	Vinyl Acetate	50.000	55.799	-11.6	91	0.00
24	P	1,1-Dichloroethane	50.000	50.269	-0.5	90	0.00
25	T	2-Butanone	250.000	269.896	-8.0	101	0.00
26	T	2,2-Dichloropropane	50.000	43.494	13.0	76	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.584	-1.2	87	0.00
28	T	Bromochloromethane	50.000	55.933	-11.9	99	0.00
29	T	Tetrahydrofuran	250.000	290.351	-16.1	100	0.00
30	C	Chloroform	50.000	51.377	-2.8#	89	0.00
31	T	Cyclohexane	50.000	45.207	9.6	82	0.00
32	T	1,1,1-Trichloroethane	50.000	49.403	1.2	88	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.243	-2.5	87	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	46.826	6.3	91	0.00
36	T	1,1-Dichloropropene	50.000	51.150	-2.3	88	0.00
37	T	Ethyl Acetate	50.000	55.326	-10.7	102	0.00
38	T	Carbon Tetrachloride	50.000	51.370	-2.7	87	0.00
39	T	Methylcyclohexane	50.000	48.929	2.1	81	0.00
40	TM	Benzene	50.000	51.606	-3.2	89	0.00
41	T	Methacrylonitrile	50.000	48.534	2.9	79	0.00
42	TM	1,2-Dichloroethane	50.000	53.910	-7.8	93	0.00
43	T	Isopropyl Acetate	50.000	55.595	-11.2	95	0.00
44	TM	Trichloroethene	50.000	49.112	1.8	86	0.00
45	C	1,2-Dichloropropane	50.000	52.527	-5.1#	91	0.00
46	T	Dibromomethane	50.000	54.567	-9.1	96	0.00
47	T	Bromodichloromethane	50.000	52.234	-4.5	91	0.00
48	T	Methyl methacrylate	50.000	54.763	-9.5	93	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	1239.800	-24.0	103	0.00
50	S	Toluene-d8	50.000	47.780	4.4	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	293.548	-17.4	100	0.00
52	CM	Toluene	50.000	52.040	-4.1#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	52.671	-5.3	88	0.00
54	T	cis-1,3-Dichloropropene	50.000	52.434	-4.9	87	0.00
55	T	1,1,2-Trichloroethane	50.000	54.456	-8.9	94	0.00
56	T	Ethyl methacrylate	50.000	55.189	-10.4	91	0.00
57	T	1,3-Dichloropropane	50.000	53.496	-7.0	92	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	277.756	-11.1	94	0.00
59	T	2-Hexanone	250.000	296.564	-18.6	100	0.00
60	T	Dibromochloromethane	50.000	53.244	-6.5	92	0.00
61	T	1,2-Dibromoethane	50.000	53.950	-7.9	93	0.00
62	S	4-Bromofluorobenzene	50.000	50.052	-0.1	87	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	45.566	8.9	83	0.00
65	PM	Chlorobenzene	50.000	49.545	0.9	89	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	52.121	-4.2	92	0.00
67	C	Ethyl Benzene	50.000	50.866	-1.7#	86	0.00
68	T	m/p-Xylenes	100.000	106.204	-6.2	88	0.00
69	T	o-Xylene	50.000	51.844	-3.7	86	0.00
70	T	Styrene	50.000	55.740	-11.5	91	0.00
71	P	Bromoform	50.000	55.355	-10.7	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	91	0.00
73	T	Isopropylbenzene	50.000	48.735	2.5	85	0.00
74	T	N-amyl acetate	50.000	53.543	-7.1	96	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.847	-3.7	99	0.00
76	T	1,2,3-Trichloropropane	50.000	55.753	-11.5	121	0.00
77	T	Bromobenzene	50.000	50.164	-0.3	92	0.00
78	T	n-propylbenzene	50.000	49.660	0.7	86	0.00
79	T	2-Chlorotoluene	50.000	49.616	0.8	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.344	-0.7	86	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	51.860	-3.7	94	0.00
82	T	4-Chlorotoluene	50.000	50.368	-0.7	88	0.00
83	T	tert-Butylbenzene	50.000	50.429	-0.9	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	50.576	-1.2	86	0.00
85	T	sec-Butylbenzene	50.000	49.570	0.9	84	0.00
86	T	p-Isopropyltoluene	50.000	50.746	-1.5	85	0.00
87	T	1,3-Dichlorobenzene	50.000	49.062	1.9	87	0.00
88	T	1,4-Dichlorobenzene	50.000	48.802	2.4	89	0.00
89	T	n-Butylbenzene	50.000	49.496	1.0	84	0.00
90	T	Hexachloroethane	50.000	48.918	2.2	87	0.00
91	T	1,2-Dichlorobenzene	50.000	50.806	-1.6	91	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.396	-10.8	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	47.942	4.1	87	0.00
94	T	Hexachlorobutadiene	50.000	44.930	10.1	82	0.00
95	T	Naphthalene	50.000	53.429	-6.9	94	0.00

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

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	50.461	-0.9	91	0.00

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