Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
Data File : VD074555.D
Acq On : 17 Oct 2022 20:07
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 17 23:10:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 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	47.478	5.0	77	0.00
3	P	Chloromethane	50.000	52.121	-4.2	88	0.00
4	C	Vinyl Chloride	50.000	52.136	-4.3#	86	0.00
5	T	Bromomethane	50.000	47.896	4.2	92	0.00
6	T	Chloroethane	50.000	54.601	-9.2	92	0.00
7	T	Trichlorofluoromethane	50.000	48.657	2.7	83	0.00
8	T	Diethyl Ether	50.000	53.488	-7.0	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.766	4.5	83	0.00
10	T	Methyl Iodide	50.000	41.033	17.9	72	0.00
11	T	Tert butyl alcohol	250.000	122.681	50.9#	62	0.00
12	CM	1,1-Dichloroethene	50.000	47.862	4.3#	82	0.00
13	T	Acrolein	250.000	227.319	9.1	92	0.00
14	T	Allyl chloride	50.000	47.545	4.9	77	0.00
15	T	Acrylonitrile	250.000	273.173	-9.3	89	0.00
16	T	Acetone	250.000	226.796	9.3	72	0.00
17	T	Carbon Disulfide	50.000	44.479	11.0	76	0.00
18	T	Methyl Acetate	50.000	49.903	0.2	91	0.00
19	T	Methyl tert-butyl Ether	50.000	54.020	-8.0	86	0.00
20	T	Methylene Chloride	50.000	49.238	1.5	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.488	1.0	81	0.00
22	T	Diisopropyl ether	50.000	52.619	-5.2	85	0.00
23	T	Vinyl Acetate	250.000	238.753	4.5	74	0.00
24	P	1,1-Dichloroethane	50.000	48.632	2.7	81	0.00
25	T	2-Butanone	250.000	253.324	-1.3	85	0.00
26	T	2,2-Dichloropropane	50.000	46.569	6.9	80	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.694	-5.4	90	0.00
28	T	Bromochloromethane	50.000	54.266	-8.5	92	0.00
29	T	Tetrahydrofuran	250.000	294.621	-17.8	101	0.00
30	C	Chloroform	50.000	56.123	-12.2#	95	0.00
31	T	Cyclohexane	50.000	43.688	12.6	78	0.00
32	T	1,1,1-Trichloroethane	50.000	52.518	-5.0	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	50.659	-1.3	83	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	81	0.00
35	S	Dibromofluoromethane	50.000	56.627	-13.3	89	0.00
36	T	1,1-Dichloropropene	50.000	48.926	2.1	78	0.00
37	T	Ethyl Acetate	50.000	59.979	-20.0	100	0.00
38	T	Carbon Tetrachloride	50.000	51.874	-3.7	81	0.00
39	T	Methylcyclohexane	50.000	49.328	1.3	78	0.00
40	TM	Benzene	50.000	51.811	-3.6	82	0.00
41	T	Methacrylonitrile	50.000	58.163	-16.3	97	0.00
42	TM	1,2-Dichloroethane	50.000	53.562	-7.1	86	0.00
43	T	Isopropyl Acetate	50.000	55.476	-11.0	86	0.00
44	TM	Trichloroethene	50.000	51.263	-2.5	84	0.00
45	C	1,2-Dichloropropane	50.000	51.641	-3.3#	80	0.00
46	T	Dibromomethane	50.000	54.403	-8.8	85	0.00
47	T	Bromodichloromethane	50.000	53.965	-7.9	85	0.00
48	T	Methyl methacrylate	50.000	56.073	-12.1	92	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	1225.697	-22.6	97	0.00
50	S	Toluene-d8	50.000	52.887	-5.8	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	295.569	-18.2	91	0.00
52	CM	Toluene	50.000	53.944	-7.9#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	53.974	-7.9	82	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.053	-10.1	84	0.00
55	T	1,1,2-Trichloroethane	50.000	56.765	-13.5	88	0.00
56	T	Ethyl methacrylate	50.000	57.567	-15.1	88	0.00
57	T	1,3-Dichloropropane	50.000	54.432	-8.9	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	225.988	9.6	78	0.00
59	T	2-Hexanone	250.000	290.880	-16.4	88	0.00
60	T	Dibromochloromethane	50.000	57.738	-15.5	92	0.00
61	T	1,2-Dibromoethane	50.000	56.711	-13.4	88	0.00
62	S	4-Bromofluorobenzene	50.000	50.914	-1.8	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	82	0.00
64	T	Tetrachloroethene	50.000	50.446	-0.9	87	0.00
65	PM	Chlorobenzene	50.000	52.652	-5.3	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.571	-11.1	92	0.00
67	C	Ethyl Benzene	50.000	51.721	-3.4#	84	0.00
68	T	m/p-Xylenes	100.000	104.346	-4.3	85	0.00
69	T	o-Xylene	50.000	53.587	-7.2	88	0.00
70	T	Styrene	50.000	53.614	-7.2	87	0.00
71	P	Bromoform	50.000	58.590	-17.2	96	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	50.331	-0.7	87	0.00
74	T	N-amyl acetate	50.000	51.466	-2.9	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.412	-8.8	93	0.00
76	T	1,2,3-Trichloropropane	50.000	47.911	4.2	79	0.00
77	T	Bromobenzene	50.000	52.982	-6.0	92	0.00
78	T	n-propylbenzene	50.000	49.630	0.7	85	0.00
79	T	2-Chlorotoluene	50.000	49.676	0.6	86	0.00
80	T	1,3,5-Trimethylbenzene	50.000	50.424	-0.8	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	53.708	-7.4	84	0.00
82	T	4-Chlorotoluene	50.000	50.240	-0.5	86	0.00
83	T	tert-Butylbenzene	50.000	50.408	-0.8	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.432	-2.9	89	0.00
85	T	sec-Butylbenzene	50.000	49.703	0.6	87	0.00
86	T	p-Isopropyltoluene	50.000	51.018	-2.0	88	0.00
87	T	1,3-Dichlorobenzene	50.000	51.057	-2.1	89	0.00
88	T	1,4-Dichlorobenzene	50.000	50.150	-0.3	90	0.00
89	T	n-Butylbenzene	50.000	49.344	1.3	84	0.00
90	T	Hexachloroethane	50.000	50.127	-0.3	86	0.00
91	T	1,2-Dichlorobenzene	50.000	51.794	-3.6	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.594	-7.2	88	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.690	-3.4	91	0.00
94	T	Hexachlorobutadiene	50.000	51.961	-3.9	89	0.00
95	T	Naphthalene	50.000	54.725	-9.5	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	54.453	-8.9	93	0.00

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