Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021723\
Data File : VD075361.D
Acq On : 17 Feb 2023 17:45
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 18 01:07:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
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	75	0.00
2	T	Dichlorodifluoromethane	50.000	46.312	7.4	69	0.00
3	P	Chloromethane	50.000	47.184	5.6	70	0.00
4	C	Vinyl Chloride	50.000	43.685	12.6#	69	0.00
5	T	Bromomethane	50.000	39.438	21.1	69	0.00
6	T	Chloroethane	50.000	46.076	7.8	75	0.00
7	T	Trichlorofluoromethane	50.000	48.852	2.3	77	0.00
8	T	Diethyl Ether	50.000	51.114	-2.2	78	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.606	-5.2	80	0.00
10	T	Methyl Iodide	50.000	36.358	27.3#	54	0.00
11	T	Tert butyl alcohol	250.000	248.705	0.5	85	0.00
12	CM	1,1-Dichloroethene	50.000	49.083	1.8#	76	0.00
13	T	Acrolein	250.000	141.153	43.5#	54	0.01
14	T	Allyl chloride	50.000	47.950	4.1	76	0.00
15	T	Acrylonitrile	250.000	290.991	-16.4	87	0.00
16	T	Acetone	250.000	253.771	-1.5	71	0.00
17	T	Carbon Disulfide	50.000	41.778	16.4	67	0.00
18	T	Methyl Acetate	50.000	55.285	-10.6	85	0.00
19	T	Methyl tert-butyl Ether	50.000	55.824	-11.6	85	0.00
20	T	Methylene Chloride	50.000	54.444	-8.9	78	0.00
21	T	trans-1,2-Dichloroethene	50.000	50.946	-1.9	77	0.00
22	T	Diisopropyl ether	50.000	56.943	-13.9	85	0.00
23	T	Vinyl Acetate	250.000	264.244	-5.7	84	0.00
24	P	1,1-Dichloroethane	50.000	52.936	-5.9	81	0.00
25	T	2-Butanone	250.000	263.496	-5.4	78	0.00
26	T	2,2-Dichloropropane	50.000	51.948	-3.9	79	0.00
27	T	cis-1,2-Dichloroethene	50.000	53.808	-7.6	83	0.00
28	T	Bromochloromethane	50.000	53.869	-7.7	82	0.00
29	T	Tetrahydrofuran	250.000	288.771	-15.5	86	0.00
30	C	Chloroform	50.000	54.983	-10.0#	84	0.00
31	T	Cyclohexane	50.000	46.868	6.3	75	0.00
32	T	1,1,1-Trichloroethane	50.000	53.893	-7.8	82	0.00
33	S	1,2-Dichloroethane-d4	50.000	51.548	-3.1	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	54.260	-8.5	82	0.00
36	T	1,1-Dichloropropene	50.000	53.221	-6.4	77	0.00
37	T	Ethyl Acetate	50.000	57.146	-14.3	91	0.00
38	T	Carbon Tetrachloride	50.000	59.499	-19.0	86	0.00
39	T	Methylcyclohexane	50.000	51.628	-3.3	73	0.00
40	TM	Benzene	50.000	54.312	-8.6	79	0.00
41	T	Methacrylonitrile	50.000	55.004	-10.0	89	0.00
42	TM	1,2-Dichloroethane	50.000	56.270	-12.5	83	0.00
43	T	Isopropyl Acetate	50.000	58.559	-17.1	87	0.00
44	TM	Trichloroethene	50.000	52.874	-5.7	78	0.00
45	C	1,2-Dichloropropane	50.000	55.589	-11.2#	82	0.00
46	T	Dibromomethane	50.000	56.309	-12.6	84	0.00
47	T	Bromodichloromethane	50.000	59.021	-18.0	85	0.00
48	T	Methyl methacrylate	50.000	53.965	-7.9	76	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	1173.196	-17.3	83	0.00
50	S	Toluene-d8	50.000	50.286	-0.6	77	0.00
51	T	4-Methyl-2-Pentanone	250.000	310.494	-24.2	88	0.00
52	CM	Toluene	50.000	55.466	-10.9#	79	0.00
53	T	t-1,3-Dichloropropene	50.000	58.669	-17.3	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	58.811	-17.6	83	0.00
55	T	1,1,2-Trichloroethane	50.000	59.782	-19.6	85	0.00
56	T	Ethyl methacrylate	50.000	61.456	-22.9	85	0.00
57	T	1,3-Dichloropropane	50.000	60.358	-20.7	87	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	255.864	-2.3	83	0.00
59	T	2-Hexanone	250.000	303.458	-21.4	84	0.00
60	T	Dibromochloromethane	50.000	62.845	-25.7#	89	0.00
61	T	1,2-Dibromoethane	50.000	57.814	-15.6	84	0.00
62	S	4-Bromofluorobenzene	50.000	53.404	-6.8	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	78	0.00
64	T	Tetrachloroethene	50.000	51.798	-3.6	81	0.00
65	PM	Chlorobenzene	50.000	54.232	-8.5	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.938	-17.9	89	0.00
67	C	Ethyl Benzene	50.000	54.181	-8.4#	82	0.00
68	T	m/p-Xylenes	100.000	111.911	-11.9	84	0.00
69	T	o-Xylene	50.000	54.900	-9.8	83	0.00
70	T	Styrene	50.000	57.261	-14.5	87	0.00
71	P	Bromoform	50.000	59.728	-19.5	89	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	50.744	-1.5	84	0.00
74	T	N-amyl acetate	50.000	53.659	-7.3	90	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.800	-7.6	92	0.00
76	T	1,2,3-Trichloropropane	50.000	43.140	13.7	80	0.00
77	T	Bromobenzene	50.000	50.068	-0.1	85	0.00
78	T	n-propylbenzene	50.000	51.341	-2.7	84	0.00
79	T	2-Chlorotoluene	50.000	50.965	-1.9	85	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.697	-3.4	84	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.741	-1.5	91	0.00
82	T	4-Chlorotoluene	50.000	51.405	-2.8	86	0.00
83	T	tert-Butylbenzene	50.000	51.703	-3.4	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	51.706	-3.4	85	0.00
85	T	sec-Butylbenzene	50.000	51.633	-3.3	85	0.00
86	T	p-Isopropyltoluene	50.000	52.304	-4.6	84	0.00
87	T	1,3-Dichlorobenzene	50.000	52.938	-5.9	88	0.00
88	T	1,4-Dichlorobenzene	50.000	51.050	-2.1	87	0.00
89	T	n-Butylbenzene	50.000	52.424	-4.8	86	0.00
90	T	Hexachloroethane	50.000	52.160	-4.3	87	0.00
91	T	1,2-Dichlorobenzene	50.000	53.621	-7.2	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.565	-11.1	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.248	-2.5	86	0.00
94	T	Hexachlorobutadiene	50.000	51.927	-3.9	84	0.00
95	T	Naphthalene	50.000	52.023	-4.0	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.420	-4.8	87	0.00

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