Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
Data File : VD075740.D
Acq On : 19 Apr 2023 10:27
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Apr 20 05:59:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 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	91	0.00
2	T	Dichlorodifluoromethane	50.000	51.637	-3.3	98	0.00
3	P	Chloromethane	50.000	42.784	14.4	81	0.00
4	C	Vinyl Chloride	50.000	46.970	6.1#	89	0.00
5	T	Bromomethane	50.000	44.635	10.7	86	0.00
6	T	Chloroethane	50.000	44.470	11.1	84	0.00
7	T	Trichlorofluoromethane	50.000	51.636	-3.3	98	0.01
8	T	Diethyl Ether	50.000	45.664	8.7	87	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	55.228	-10.5	104	0.00
10	T	Methyl Iodide	50.000	51.519	-3.0	91	0.00
11	T	Tert butyl alcohol	250.000	227.211	9.1	86	0.00
12	CM	1,1-Dichloroethene	50.000	52.085	-4.2#	96	0.00
13	T	Acrolein	250.000	245.939	1.6	93	0.00
14	T	Allyl chloride	50.000	47.719	4.6	87	0.00
15	T	Acrylonitrile	250.000	245.734	1.7	91	0.00
16	T	Acetone	250.000	264.963	-6.0	90	0.00
17	T	Carbon Disulfide	50.000	47.773	4.5	90	0.00
18	T	Methyl Acetate	50.000	49.574	0.9	92	0.00
19	T	Methyl tert-butyl Ether	50.000	47.545	4.9	85	0.00
20	T	Methylene Chloride	50.000	52.484	-5.0	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.152	-2.3	94	0.00
22	T	Diisopropyl ether	50.000	51.819	-3.6	92	0.00
23	T	Vinyl Acetate	250.000	258.744	-3.5	89	0.00
24	P	1,1-Dichloroethane	50.000	49.918	0.2	93	0.00
25	T	2-Butanone	250.000	258.464	-3.4	92	0.00
26	T	2,2-Dichloropropane	50.000	48.777	2.4	93	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.425	1.2	91	0.00
28	T	Bromochloromethane	50.000	46.253	7.5	88	0.00
29	T	Tetrahydrofuran	250.000	247.630	0.9	88	0.00
30	C	Chloroform	50.000	49.455	1.1#	93	0.00
31	T	Cyclohexane	50.000	51.492	-3.0	98	0.00
32	T	1,1,1-Trichloroethane	50.000	51.991	-4.0	95	0.00
33	S	1,2-Dichloroethane-d4	50.000	44.621	10.8	85	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35	S	Dibromofluoromethane	50.000	48.988	2.0	88	0.00
36	T	1,1-Dichloropropene	50.000	54.924	-9.8	94	0.00
37	T	Ethyl Acetate	50.000	49.048	1.9	88	0.00
38	T	Carbon Tetrachloride	50.000	56.983	-14.0	98	0.00
39	T	Methylcyclohexane	50.000	59.565	-19.1	99	0.00
40	TM	Benzene	50.000	53.947	-7.9	94	0.00
41	T	Methacrylonitrile	50.000	57.817	-15.6	108	0.00
42	TM	1,2-Dichloroethane	50.000	52.351	-4.7	90	0.00
43	T	Isopropyl Acetate	50.000	51.751	-3.5	88	0.00
44	TM	Trichloroethene	50.000	53.146	-6.3	93	0.00
45	C	1,2-Dichloropropane	50.000	54.166	-8.3#	95	0.00
46	T	Dibromomethane	50.000	51.972	-3.9	91	0.00
47	T	Bromodichloromethane	50.000	52.849	-5.7	92	0.00
48	T	Methyl methacrylate	50.000	53.505	-7.0	88	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	1030.618	-3.1	87	0.00
50	S	Toluene-d8	50.000	48.548	2.9	76	0.00
51	T	4-Methyl-2-Pentanone	250.000	256.474	-2.6	80	0.00
52	CM	Toluene	50.000	52.757	-5.5#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	49.451	1.1	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.891	-1.8	80	0.00
55	T	1,1,2-Trichloroethane	50.000	51.152	-2.3	84	0.00
56	T	Ethyl methacrylate	50.000	51.343	-2.7	78	0.00
57	T	1,3-Dichloropropane	50.000	51.212	-2.4	85	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	254.763	-1.9	79	0.00
59	T	2-Hexanone	250.000	274.933	-10.0	85	0.00
60	T	Dibromochloromethane	50.000	50.205	-0.4	82	0.00
61	T	1,2-Dibromoethane	50.000	49.337	1.3	81	0.00
62	S	4-Bromofluorobenzene	50.000	51.067	-2.1	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	53.467	-6.9	80	0.00
65	PM	Chlorobenzene	50.000	53.439	-6.9	93	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	53.634	-7.3	92	0.00
67	C	Ethyl Benzene	50.000	56.976	-14.0#	92	0.00
68	T	m/p-Xylenes	100.000	117.668	-17.7	95	0.00
69	T	o-Xylene	50.000	58.613	-17.2	92	0.00
70	T	Styrene	50.000	54.132	-8.3	90	0.00
71	P	Bromoform	50.000	55.650	-11.3	92	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	59.163	-18.3	94	0.00
74	T	N-amyl acetate	50.000	52.958	-5.9	87	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.316	-6.6	92	0.00
76	T	1,2,3-Trichloropropane	50.000	57.941	-15.9	112	0.00
77	T	Bromobenzene	50.000	54.724	-9.4	93	0.00
78	T	n-propylbenzene	50.000	59.145	-18.3	95	0.00
79	T	2-Chlorotoluene	50.000	54.956	-9.9	93	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.608	-17.2	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.512	-5.0	84	0.00
82	T	4-Chlorotoluene	50.000	54.511	-9.0	92	0.00
83	T	tert-Butylbenzene	50.000	59.135	-18.3	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.927	-15.9	93	0.00
85	T	sec-Butylbenzene	50.000	59.871	-19.7	96	0.00
86	T	p-Isopropyltoluene	50.000	59.633	-19.3	95	0.00
87	T	1,3-Dichlorobenzene	50.000	54.434	-8.9	91	0.00
88	T	1,4-Dichlorobenzene	50.000	53.946	-7.9	92	0.00
89	T	n-Butylbenzene	50.000	58.913	-17.8	95	0.00
90	T	Hexachloroethane	50.000	55.311	-10.6	96	0.00
91	T	1,2-Dichlorobenzene	50.000	53.876	-7.8	92	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	50.889	-1.8	90	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.747	-3.5	91	0.00
94	T	Hexachlorobutadiene	50.000	54.355	-8.7	100	0.00
95	T	Naphthalene	50.000	53.050	-6.1	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.893	-3.8	93	0.00

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