Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012723\
Data File : VD075227.D
Acq On : 27 Jan 2023 16:23
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 30 01:04:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 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	74	0.00
2	T	Dichlorodifluoromethane	50.000	51.515	-3.0	82	0.00
3	P	Chloromethane	50.000	50.674	-1.3	80	0.00
4	C	Vinyl Chloride	50.000	49.869	0.3#	78	0.00
5	T	Bromomethane	50.000	50.607	-1.2	79	0.00
6	T	Chloroethane	50.000	52.078	-4.2	79	0.00
7	T	Trichlorofluoromethane	50.000	55.509	-11.0	86	0.00
8	T	Diethyl Ether	50.000	54.608	-9.2	77	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	56.722	-13.4	89	0.00
10	T	Methyl Iodide	50.000	48.474	3.1	66	0.00
11	T	Tert butyl alcohol	250.000	235.538	5.8	75	0.00
12	CM	1,1-Dichloroethene	50.000	53.590	-7.2#	81	0.00
13	T	Acrolein	250.000	169.562	32.2#	53	0.00
14	T	Allyl chloride	50.000	54.648	-9.3	78	0.00
15	T	Acrylonitrile	250.000	302.938	-21.2	83	0.00
16	T	Acetone	250.000	312.210	-24.9	78	0.00
17	T	Carbon Disulfide	50.000	50.946	-1.9	77	0.00
18	T	Methyl Acetate	50.000	58.006	-16.0	82	0.00
19	T	Methyl tert-butyl Ether	50.000	58.204	-16.4	80	0.00
20	T	Methylene Chloride	50.000	53.825	-7.7	70	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.437	-8.9	79	0.00
22	T	Diisopropyl ether	50.000	57.786	-15.6	81	0.00
23	T	Vinyl Acetate	250.000	325.048	-30.0#	94	0.00
24	P	1,1-Dichloroethane	50.000	57.037	-14.1	83	0.00
25	T	2-Butanone	250.000	298.403	-19.4	79	0.00
26	T	2,2-Dichloropropane	50.000	52.072	-4.1	78	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.005	-12.0	80	0.00
28	T	Bromochloromethane	50.000	52.903	-5.8	79	0.00
29	T	Tetrahydrofuran	250.000	303.036	-21.2	82	0.00
30	C	Chloroform	50.000	57.060	-14.1#	82	0.00
31	T	Cyclohexane	50.000	51.041	-2.1	83	0.00
32	T	1,1,1-Trichloroethane	50.000	56.469	-12.9	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.264	-8.5	77	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	72	0.00
35	S	Dibromofluoromethane	50.000	53.481	-7.0	73	-0.01
36	T	1,1-Dichloropropene	50.000	56.111	-12.2	83	0.00
37	T	Ethyl Acetate	50.000	63.338	-26.7#	88	0.00
38	T	Carbon Tetrachloride	50.000	62.465	-24.9	91	0.00
39	T	Methylcyclohexane	50.000	54.613	-9.2	83	0.00
40	TM	Benzene	50.000	57.226	-14.5	80	0.00
41	T	Methacrylonitrile	50.000	56.837	-13.7	85	0.00
42	TM	1,2-Dichloroethane	50.000	60.861	-21.7	84	0.00
43	T	Isopropyl Acetate	50.000	60.213	-20.4	83	0.00
44	TM	Trichloroethene	50.000	53.984	-8.0	76	0.00
45	C	1,2-Dichloropropane	50.000	58.535	-17.1#	82	0.00
46	T	Dibromomethane	50.000	60.481	-21.0	82	0.00
47	T	Bromodichloromethane	50.000	60.380	-20.8	83	0.00
48	T	Methyl methacrylate	50.000	58.703	-17.4	83	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	1274.740	-27.5#	89	0.00
50	S	Toluene-d8	50.000	53.574	-7.1	75	0.00
51	T	4-Methyl-2-Pentanone	250.000	319.566	-27.8#	88	0.00
52	CM	Toluene	50.000	57.472	-14.9#	80	0.00
53	T	t-1,3-Dichloropropene	50.000	60.344	-20.7	83	0.00
54	T	cis-1,3-Dichloropropene	50.000	59.578	-19.2	80	0.00
55	T	1,1,2-Trichloroethane	50.000	61.786	-23.6	84	0.00
56	T	Ethyl methacrylate	50.000	60.555	-21.1	80	0.00
57	T	1,3-Dichloropropane	50.000	61.604	-23.2	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	291.961	-16.8	85	0.00
59	T	2-Hexanone	250.000	322.596	-29.0#	86	0.00
60	T	Dibromochloromethane	50.000	60.240	-20.5	81	0.00
61	T	1,2-Dibromoethane	50.000	60.468	-20.9	82	0.00
62	S	4-Bromofluorobenzene	50.000	53.206	-6.4	73	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	53.164	-6.3	78	0.00
65	PM	Chlorobenzene	50.000	56.771	-13.5	80	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	59.197	-18.4	85	0.00
67	C	Ethyl Benzene	50.000	57.670	-15.3#	83	0.00
68	T	m/p-Xylenes	100.000	117.017	-17.0	84	0.00
69	T	o-Xylene	50.000	56.546	-13.1	79	0.00
70	T	Styrene	50.000	59.612	-19.2	83	0.00
71	P	Bromoform	50.000	61.947	-23.9	85	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	53.793	-7.6	85	0.00
74	T	N-amyl acetate	50.000	54.345	-8.7	84	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.401	-12.8	85	0.00
76	T	1,2,3-Trichloropropane	50.000	52.964	-5.9	87	0.00
77	T	Bromobenzene	50.000	51.633	-3.3	77	0.00
78	T	n-propylbenzene	50.000	53.970	-7.9	85	0.00
79	T	2-Chlorotoluene	50.000	53.195	-6.4	82	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.172	-8.3	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.718	-17.4	90	0.00
82	T	4-Chlorotoluene	50.000	54.279	-8.6	84	0.00
83	T	tert-Butylbenzene	50.000	53.046	-6.1	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.855	-9.7	85	0.00
85	T	sec-Butylbenzene	50.000	54.188	-8.4	86	0.00
86	T	p-Isopropyltoluene	50.000	54.862	-9.7	86	0.00
87	T	1,3-Dichlorobenzene	50.000	54.108	-8.2	83	0.00
88	T	1,4-Dichlorobenzene	50.000	54.598	-9.2	84	0.00
89	T	n-Butylbenzene	50.000	54.107	-8.2	86	0.00
90	T	Hexachloroethane	50.000	55.976	-12.0	90	0.00
91	T	1,2-Dichlorobenzene	50.000	55.426	-10.9	83	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	59.708	-19.4	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.660	-5.3	80	0.00
94	T	Hexachlorobutadiene	50.000	51.202	-2.4	80	0.00
95	T	Naphthalene	50.000	51.752	-3.5	81	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	54.039	-8.1	82	0.00

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