Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
Data File : VD075245.D
Acq On : 30 Jan 2023 18:34
Operator : KP/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Jan 31 00:23:25 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	68	0.00
2	T	Dichlorodifluoromethane	50.000	51.364	-2.7	74	0.00
3	P	Chloromethane	50.000	49.445	1.1	71	0.00
4	C	Vinyl Chloride	50.000	48.799	2.4#	70	0.00
5	T	Bromomethane	50.000	44.406	11.2	63	0.00
6	T	Chloroethane	50.000	49.364	1.3	68	0.00
7	T	Trichlorofluoromethane	50.000	54.054	-8.1	76	0.00
8	T	Diethyl Ether	50.000	48.535	2.9	63	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.260	-6.5	76	0.00
10	T	Methyl Iodide	50.000	45.711	8.6	57	0.00
11	T	Tert butyl alcohol	250.000	206.144	17.5	60	0.00
12	CM	1,1-Dichloroethene	50.000	48.600	2.8#	67	0.00
13	T	Acrolein	250.000	191.552	23.4	54	0.00
14	T	Allyl chloride	50.000	48.894	2.2	64	0.00
15	T	Acrylonitrile	250.000	270.883	-8.4	68	0.00
16	T	Acetone	250.000	265.261	-6.1	61	0.00
17	T	Carbon Disulfide	50.000	45.974	8.1	63	0.00
18	T	Methyl Acetate	50.000	54.722	-9.4	70	0.00
19	T	Methyl tert-butyl Ether	50.000	52.936	-5.9	67	0.00
20	T	Methylene Chloride	50.000	49.186	1.6	59	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.769	0.5	66	-0.01
22	T	Diisopropyl ether	50.000	53.535	-7.1	69	0.00
23	T	Vinyl Acetate	250.000	251.469	-0.6	66	0.00
24	P	1,1-Dichloroethane	50.000	53.100	-6.2	71	0.00
25	T	2-Butanone	250.000	267.233	-6.9	65	0.00
26	T	2,2-Dichloropropane	50.000	48.595	2.8	67	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.580	-3.2	67	0.00
28	T	Bromochloromethane	50.000	50.596	-1.2	69	0.00
29	T	Tetrahydrofuran	250.000	277.946	-11.2	69	0.00
30	C	Chloroform	50.000	52.882	-5.8#	70	0.00
31	T	Cyclohexane	50.000	47.965	4.1	71	0.00
32	T	1,1,1-Trichloroethane	50.000	54.981	-10.0	75	0.00
33	S	1,2-Dichloroethane-d4	50.000	54.080	-8.2	70	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	66	0.00
35	S	Dibromofluoromethane	50.000	53.641	-7.3	66	0.00
36	T	1,1-Dichloropropene	50.000	53.958	-7.9	72	0.00
37	T	Ethyl Acetate	50.000	57.880	-15.8	73	0.00
38	T	Carbon Tetrachloride	50.000	56.619	-13.2	75	0.00
39	T	Methylcyclohexane	50.000	51.052	-2.1	70	0.00
40	TM	Benzene	50.000	53.702	-7.4	68	0.00
41	T	Methacrylonitrile	50.000	45.051	9.9	61	0.00
42	TM	1,2-Dichloroethane	50.000	58.195	-16.4	73	0.00
43	T	Isopropyl Acetate	50.000	55.574	-11.1	69	0.00
44	TM	Trichloroethene	50.000	51.865	-3.7	66	0.00
45	C	1,2-Dichloropropane	50.000	54.308	-8.6#	69	0.00
46	T	Dibromomethane	50.000	55.924	-11.8	69	0.00
47	T	Bromodichloromethane	50.000	57.356	-14.7	71	0.00
48	T	Methyl methacrylate	50.000	54.073	-8.1	70	0.00

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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)
49	T	1,4-Dioxane	1000.000	1169.387	-16.9	74	0.00
50	S	Toluene-d8	50.000	52.497	-5.0	67	0.00
51	T	4-Methyl-2-Pentanone	250.000	298.449	-19.4	75	0.00
52	CM	Toluene	50.000	54.910	-9.8#	69	0.00
53	T	t-1,3-Dichloropropene	50.000	54.270	-8.5	67	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.276	-8.6	66	0.00
55	T	1,1,2-Trichloroethane	50.000	56.976	-14.0	70	0.00
56	T	Ethyl methacrylate	50.000	55.854	-11.7	67	0.00
57	T	1,3-Dichloropropane	50.000	55.355	-10.7	67	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	260.188	-4.1	69	0.00
59	T	2-Hexanone	250.000	286.270	-14.5	69	0.00
60	T	Dibromochloromethane	50.000	57.979	-16.0	71	0.00
61	T	1,2-Dibromoethane	50.000	56.648	-13.3	70	0.00
62	S	4-Bromofluorobenzene	50.000	52.877	-5.8	66	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	65	0.00
64	T	Tetrachloroethene	50.000	52.096	-4.2	69	0.00
65	PM	Chlorobenzene	50.000	54.043	-8.1	68	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	57.864	-15.7	74	0.00
67	C	Ethyl Benzene	50.000	55.848	-11.7#	72	0.00
68	T	m/p-Xylenes	100.000	110.742	-10.7	72	0.00
69	T	o-Xylene	50.000	56.195	-12.4	70	0.00
70	T	Styrene	50.000	56.608	-13.2	71	0.00
71	P	Bromoform	50.000	60.262	-20.5	74	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	70	0.00
73	T	Isopropylbenzene	50.000	51.582	-3.2	74	0.00
74	T	N-amyl acetate	50.000	51.458	-2.9	72	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.766	-9.5	75	0.00
76	T	1,2,3-Trichloropropane	50.000	48.872	2.3	73	0.00
77	T	Bromobenzene	50.000	50.914	-1.8	70	0.00
78	T	n-propylbenzene	50.000	51.217	-2.4	73	0.00
79	T	2-Chlorotoluene	50.000	51.297	-2.6	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	52.653	-5.3	74	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.739	2.5	68	0.00
82	T	4-Chlorotoluene	50.000	51.587	-3.2	73	0.00
83	T	tert-Butylbenzene	50.000	51.752	-3.5	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.420	-4.8	74	0.00
85	T	sec-Butylbenzene	50.000	53.020	-6.0	77	0.00
86	T	p-Isopropyltoluene	50.000	53.115	-6.2	76	0.00
87	T	1,3-Dichlorobenzene	50.000	52.582	-5.2	73	0.00
88	T	1,4-Dichlorobenzene	50.000	52.051	-4.1	73	0.00
89	T	n-Butylbenzene	50.000	52.435	-4.9	76	0.00
90	T	Hexachloroethane	50.000	53.813	-7.6	78	0.00
91	T	1,2-Dichlorobenzene	50.000	53.112	-6.2	73	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.622	-11.2	73	0.00
93	T	1,2,4-Trichlorobenzene	50.000	49.690	0.6	69	0.00
94	T	Hexachlorobutadiene	50.000	52.393	-4.8	75	0.00
95	T	Naphthalene	50.000	48.179	3.6	68	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.744	-3.5	71	0.00

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