Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101822\
Data File : VD074570.D
Acq On : 18 Oct 2022 17:30
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 19 02:49:33 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	48.284	3.4	77	0.00
3	P	Chloromethane	50.000	49.050	1.9	82	0.00
4	C	Vinyl Chloride	50.000	54.542	-9.1#	89	0.00
5	T	Bromomethane	50.000	52.039	-4.1	99	0.00
6	T	Chloroethane	50.000	56.413	-12.8	94	0.00
7	T	Trichlorofluoromethane	50.000	48.118	3.8	81	0.00
8	T	Diethyl Ether	50.000	49.864	0.3	81	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	47.319	5.4	81	0.00
10	T	Methyl Iodide	50.000	43.428	13.1	76	0.00
11	T	Tert butyl alcohol	250.000	194.918	22.0	78	0.00
12	CM	1,1-Dichloroethene	50.000	48.166	3.7#	81	0.00
13	T	Acrolein	250.000	187.442	25.0#	75	0.00
14	T	Allyl chloride	50.000	46.093	7.8	74	0.00
15	T	Acrylonitrile	250.000	261.100	-4.4	85	0.00
16	T	Acetone	250.000	250.465	-0.2	79	0.00
17	T	Carbon Disulfide	50.000	43.536	12.9	73	0.00
18	T	Methyl Acetate	50.000	45.980	8.0	83	0.00
19	T	Methyl tert-butyl Ether	50.000	50.388	-0.8	80	0.00
20	T	Methylene Chloride	50.000	52.116	-4.2	89	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.447	1.1	80	0.00
22	T	Diisopropyl ether	50.000	50.756	-1.5	81	0.00
23	T	Vinyl Acetate	250.000	248.928	0.4	76	0.00
24	P	1,1-Dichloroethane	50.000	47.555	4.9	79	0.00
25	T	2-Butanone	250.000	245.087	2.0	82	0.00
26	T	2,2-Dichloropropane	50.000	50.713	-1.4	86	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.335	-2.7	87	0.00
28	T	Bromochloromethane	50.000	53.188	-6.4	90	0.00
29	T	Tetrahydrofuran	250.000	258.508	-3.4	87	0.00
30	C	Chloroform	50.000	54.081	-8.2#	91	0.00
31	T	Cyclohexane	50.000	45.898	8.2	81	0.00
32	T	1,1,1-Trichloroethane	50.000	53.464	-6.9	90	0.00
33	S	1,2-Dichloroethane-d4	50.000	55.167	-10.3	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	74	0.00
35	S	Dibromofluoromethane	50.000	61.872	-23.7	89	0.00
36	T	1,1-Dichloropropene	50.000	59.671	-19.3	88	0.00
37	T	Ethyl Acetate	50.000	59.361	-18.7	91	0.00
38	T	Carbon Tetrachloride	50.000	62.803	-25.6#	91	0.00
39	T	Methylcyclohexane	50.000	51.297	-2.6	75	0.00
40	TM	Benzene	50.000	59.340	-18.7	86	0.00
41	T	Methacrylonitrile	50.000	48.222	3.6	74	0.00
42	TM	1,2-Dichloroethane	50.000	54.332	-8.7	80	0.00
43	T	Isopropyl Acetate	50.000	55.734	-11.5	80	0.00
44	TM	Trichloroethene	50.000	54.223	-8.4	82	0.00
45	C	1,2-Dichloropropane	50.000	53.261	-6.5#	76	0.00
46	T	Dibromomethane	50.000	56.395	-12.8	82	0.00
47	T	Bromodichloromethane	50.000	55.421	-10.8	81	0.00
48	T	Methyl methacrylate	50.000	51.259	-2.5	77	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	1180.661	-18.1	86	0.00
50	S	Toluene-d8	50.000	57.396	-14.8	79	0.00
51	T	4-Methyl-2-Pentanone	250.000	280.723	-12.3	80	0.00
52	CM	Toluene	50.000	56.107	-12.2#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	55.004	-10.0	77	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.504	-13.0	79	0.00
55	T	1,1,2-Trichloroethane	50.000	58.788	-17.6	84	0.00
56	T	Ethyl methacrylate	50.000	56.103	-12.2	79	0.00
57	T	1,3-Dichloropropane	50.000	55.761	-11.5	82	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	261.053	-4.4	85	0.00
59	T	2-Hexanone	250.000	288.452	-15.4	81	0.00
60	T	Dibromochloromethane	50.000	58.301	-16.6	86	0.00
61	T	1,2-Dibromoethane	50.000	56.887	-13.8	82	0.00
62	S	4-Bromofluorobenzene	50.000	55.576	-11.2	85	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	72	0.00
64	T	Tetrachloroethene	50.000	55.331	-10.7	85	0.00
65	PM	Chlorobenzene	50.000	57.478	-15.0	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	58.148	-16.3	85	0.00
67	C	Ethyl Benzene	50.000	57.675	-15.3#	83	0.00
68	T	m/p-Xylenes	100.000	114.194	-14.2	82	0.00
69	T	o-Xylene	50.000	57.472	-14.9	83	0.00
70	T	Styrene	50.000	58.897	-17.8	84	0.00
71	P	Bromoform	50.000	62.128	-24.3	90	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73	T	Isopropylbenzene	50.000	55.989	-12.0	85	0.00
74	T	N-amyl acetate	50.000	53.439	-6.9	80	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.093	-12.2	85	0.00
76	T	1,2,3-Trichloropropane	50.000	52.123	-4.2	76	0.00
77	T	Bromobenzene	50.000	57.167	-14.3	87	0.00
78	T	n-propylbenzene	50.000	55.435	-10.9	84	0.00
79	T	2-Chlorotoluene	50.000	54.095	-8.2	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.152	-14.3	85	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	58.768	-17.5	82	0.00
82	T	4-Chlorotoluene	50.000	55.617	-11.2	84	0.00
83	T	tert-Butylbenzene	50.000	57.441	-14.9	86	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.179	-12.4	85	0.00
85	T	sec-Butylbenzene	50.000	55.890	-11.8	86	0.00
86	T	p-Isopropyltoluene	50.000	56.225	-12.5	86	0.00
87	T	1,3-Dichlorobenzene	50.000	56.732	-13.5	87	0.00
88	T	1,4-Dichlorobenzene	50.000	54.888	-9.8	87	0.00
89	T	n-Butylbenzene	50.000	55.126	-10.3	83	0.00
90	T	Hexachloroethane	50.000	53.441	-6.9	81	0.00
91	T	1,2-Dichlorobenzene	50.000	56.840	-13.7	87	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	58.234	-16.5	84	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.106	-12.2	87	0.00
94	T	Hexachlorobutadiene	50.000	58.109	-16.2	88	0.00
95	T	Naphthalene	50.000	56.653	-13.3	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.964	-13.9	86	0.00

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