Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
Data File : VD079506.D
Acq On : 31 Jul 2024 19:50
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 01 01:55:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
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	71	0.00
2	T	Dichlorodifluoromethane	50.000	44.730	10.5	64	0.00
3	P	Chloromethane	50.000	48.676	2.6	72	0.00
4	C	Vinyl Chloride	50.000	50.036	-0.1#	70	0.00
5	T	Bromomethane	50.000	44.546	10.9	62	0.00
6	T	Chloroethane	50.000	53.674	-7.3	79	0.00
7	T	Trichlorofluoromethane	50.000	46.995	6.0	65	0.00
8	T	Diethyl Ether	50.000	52.894	-5.8	82	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.913	8.2	64	0.00
10	T	Methyl Iodide	50.000	51.877	-3.8	67	0.00
11	T	Tert butyl alcohol	250.000	312.161	-24.9	102	0.01
12	CM	1,1-Dichloroethene	50.000	48.423	3.2#	66	0.00
13	T	Acrolein	250.000	297.904	-19.2	95	0.00
14	T	Allyl chloride	50.000	47.694	4.6	67	0.00
15	T	Acrylonitrile	250.000	278.069	-11.2	96	0.00
16	T	Acetone	250.000	213.295	14.7	69	0.00
17	T	Carbon Disulfide	50.000	49.196	1.6	67	0.00
18	T	Methyl Acetate	50.000	56.055	-12.1	101	0.00
19	T	Methyl tert-butyl Ether	50.000	55.176	-10.4	86	0.00
20	T	Methylene Chloride	50.000	52.068	-4.1	72	0.00
21	T	trans-1,2-Dichloroethene	50.000	51.780	-3.6	70	0.00
22	T	Diisopropyl ether	50.000	53.777	-7.6	77	0.00
23	T	Vinyl Acetate	250.000	275.466	-10.2	84	0.00
24	P	1,1-Dichloroethane	50.000	51.843	-3.7	73	0.00
25	T	2-Butanone	250.000	258.351	-3.3	89	-0.01
26	T	2,2-Dichloropropane	50.000	41.453	17.1	57	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.866	-5.7	73	0.00
28	T	Bromochloromethane	50.000	54.566	-9.1	90	0.00
29	T	Tetrahydrofuran	250.000	291.094	-16.4	102	0.00
30	C	Chloroform	50.000	53.961	-7.9#	77	0.00
31	T	Cyclohexane	50.000	44.989	10.0	64	0.00
32	T	1,1,1-Trichloroethane	50.000	51.307	-2.6	70	0.00
33	S	1,2-Dichloroethane-d4	50.000	56.972	-13.9	89	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	77	0.00
35	S	Dibromofluoromethane	50.000	52.679	-5.4	81	0.00
36	T	1,1-Dichloropropene	50.000	49.444	1.1	69	0.00
37	T	Ethyl Acetate	50.000	55.313	-10.6	97	0.00
38	T	Carbon Tetrachloride	50.000	49.242	1.5	69	0.00
39	T	Methylcyclohexane	50.000	46.217	7.6	64	0.00
40	TM	Benzene	50.000	51.385	-2.8	74	0.00
41	T	Methacrylonitrile	50.000	53.197	-6.4	103	-0.01
42	TM	1,2-Dichloroethane	50.000	52.943	-5.9	84	0.00
43	T	Isopropyl Acetate	50.000	54.006	-8.0	95	0.00
44	TM	Trichloroethene	50.000	50.342	-0.7	72	0.00
45	C	1,2-Dichloropropane	50.000	52.143	-4.3#	77	0.00
46	T	Dibromomethane	50.000	55.343	-10.7	89	0.00
47	T	Bromodichloromethane	50.000	53.957	-7.9	82	0.00
48	T	Methyl methacrylate	50.000	58.122	-16.2	97	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	1094.664	-9.5	93	-0.01
50	S	Toluene-d8	50.000	52.670	-5.3	77	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.680	-17.1	103	0.00
52	CM	Toluene	50.000	53.121	-6.2#	74	0.00
53	T	t-1,3-Dichloropropene	50.000	50.673	-1.3	79	0.00
54	T	cis-1,3-Dichloropropene	50.000	50.418	-0.8	75	0.00
55	T	1,1,2-Trichloroethane	50.000	57.262	-14.5	92	0.00
56	T	Ethyl methacrylate	50.000	57.696	-15.4	93	0.00
57	T	1,3-Dichloropropane	50.000	55.438	-10.9	89	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	308.024	-23.2	102	0.00
59	T	2-Hexanone	250.000	285.938	-14.4	97	0.00
60	T	Dibromochloromethane	50.000	55.114	-10.2	87	0.00
61	T	1,2-Dibromoethane	50.000	55.022	-10.0	89	0.00
62	S	4-Bromofluorobenzene	50.000	54.196	-8.4	82	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	50.725	-1.5	77	0.00
65	PM	Chlorobenzene	50.000	49.292	1.4	77	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	51.876	-3.8	81	0.00
67	C	Ethyl Benzene	50.000	49.637	0.7#	73	0.00
68	T	m/p-Xylenes	100.000	101.484	-1.5	75	0.00
69	T	o-Xylene	50.000	51.392	-2.8	76	0.00
70	T	Styrene	50.000	53.282	-6.6	79	0.00
71	P	Bromoform	50.000	55.455	-10.9	99	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	43.370	13.3	73	0.00
74	T	N-amyl acetate	50.000	51.031	-2.1	98	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	51.782	-3.6	101	0.00
76	T	1,2,3-Trichloropropane	50.000	46.188	7.6	101	0.00
77	T	Bromobenzene	50.000	50.085	-0.2	84	0.00
78	T	n-propylbenzene	50.000	47.635	4.7	74	0.00
79	T	2-Chlorotoluene	50.000	47.974	4.1	76	0.00
80	T	1,3,5-Trimethylbenzene	50.000	49.079	1.8	76	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	48.432	3.1	96	0.00
82	T	4-Chlorotoluene	50.000	49.506	1.0	80	0.00
83	T	tert-Butylbenzene	50.000	43.195	13.6	74	0.00
84	T	1,2,4-Trimethylbenzene	50.000	45.574	8.9	78	0.00
85	T	sec-Butylbenzene	50.000	46.393	7.2	72	0.00
86	T	p-Isopropyltoluene	50.000	43.199	13.6	74	0.00
87	T	1,3-Dichlorobenzene	50.000	48.460	3.1	81	0.00
88	T	1,4-Dichlorobenzene	50.000	48.380	3.2	83	0.00
89	T	n-Butylbenzene	50.000	42.401	15.2	72	0.00
90	T	Hexachloroethane	50.000	47.016	6.0	77	0.00
91	T	1,2-Dichlorobenzene	50.000	49.772	0.5	85	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.357	-8.7	106	0.00
93	T	1,2,4-Trichlorobenzene	50.000	48.188	3.6	85	0.00
94	T	Hexachlorobutadiene	50.000	45.605	8.8	75	0.00
95	T	Naphthalene	50.000	53.214	-6.4	99	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	50.269	-0.5	91	0.00

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