Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
Data File : VD078720.D
Acq On : 21 Mar 2024 10:10
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 22 06:53:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	52.116	-4.2	111	0.00
3	P	Chloromethane	50.000	45.789	8.4	97	0.00
4	C	Vinyl Chloride	50.000	44.386	11.2#	93	0.00
5	T	Bromomethane	50.000	43.977	12.0	101	0.00
6	T	Chloroethane	50.000	44.147	11.7	95	0.00
7	T	Trichlorofluoromethane	50.000	52.383	-4.8	112	0.00
8	T	Diethyl Ether	50.000	51.706	-3.4	112	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	53.492	-7.0	116	0.00
10	T	Methyl Iodide	50.000	52.745	-5.5	108	0.00
11	T	Tert butyl alcohol	250.000	289.157	-15.7	115	0.00
12	CM	1,1-Dichloroethene	50.000	50.112	-0.2#	104	0.01
13	T	Acrolein	250.000	204.894	18.0	101	0.00
14	T	Allyl chloride	50.000	49.650	0.7	106	0.00
15	T	Acrylonitrile	250.000	269.254	-7.7	108	0.00
16	T	Acetone	250.000	293.044	-17.2	118	0.00
17	T	Carbon Disulfide	50.000	48.911	2.2	104	0.00
18	T	Methyl Acetate	50.000	58.392	-16.8	113	0.00
19	T	Methyl tert-butyl Ether	50.000	53.399	-6.8	109	0.00
20	T	Methylene Chloride	50.000	50.523	-1.0	104	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.844	-5.7	110	0.00
22	T	Diisopropyl ether	50.000	51.939	-3.9	107	0.00
23	T	Vinyl Acetate	250.000	267.074	-6.8	107	0.00
24	P	1,1-Dichloroethane	50.000	50.581	-1.2	108	0.00
25	T	2-Butanone	250.000	276.262	-10.5	116	0.00
26	T	2,2-Dichloropropane	50.000	53.434	-6.9	113	0.00
27	T	cis-1,2-Dichloroethene	50.000	49.988	0.0	106	0.00
28	T	Bromochloromethane	50.000	51.870	-3.7	94	0.00
29	T	Tetrahydrofuran	250.000	281.272	-12.5	111	0.00
30	C	Chloroform	50.000	49.876	0.2#	108	0.00
31	T	Cyclohexane	50.000	50.339	-0.7	110	0.00
32	T	1,1,1-Trichloroethane	50.000	51.323	-2.6	111	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.910	0.2	107	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	96	0.00
35	S	Dibromofluoromethane	50.000	50.787	-1.6	102	0.00
36	T	1,1-Dichloropropene	50.000	55.744	-11.5	110	0.00
37	T	Ethyl Acetate	50.000	49.026	1.9	98	0.00
38	T	Carbon Tetrachloride	50.000	54.908	-9.8	111	0.00
39	T	Methylcyclohexane	50.000	58.346	-16.7	112	0.00
40	TM	Benzene	50.000	53.954	-7.9	108	0.00
41	T	Methacrylonitrile	50.000	55.054	-10.1	112	0.02
42	TM	1,2-Dichloroethane	50.000	55.145	-10.3	108	0.00
43	T	Isopropyl Acetate	50.000	55.026	-10.1	105	0.00
44	TM	Trichloroethene	50.000	54.730	-9.5	111	0.00
45	C	1,2-Dichloropropane	50.000	55.250	-10.5#	110	0.00
46	T	Dibromomethane	50.000	54.844	-9.7	110	0.00
47	T	Bromodichloromethane	50.000	54.218	-8.4	111	0.00
48	T	Methyl methacrylate	50.000	55.155	-10.3	108	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	1179.853	-18.0	114	0.00
50	S	Toluene-d8	50.000	53.420	-6.8	104	0.00
51	T	4-Methyl-2-Pentanone	250.000	292.336	-16.9	110	0.00
52	CM	Toluene	50.000	56.311	-12.6#	109	0.00
53	T	t-1,3-Dichloropropene	50.000	57.177	-14.4	114	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.883	-13.8	113	0.00
55	T	1,1,2-Trichloroethane	50.000	54.931	-9.9	110	0.00
56	T	Ethyl methacrylate	50.000	58.864	-17.7	109	0.00
57	T	1,3-Dichloropropane	50.000	55.914	-11.8	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	324.440	-29.8#	119	0.00
59	T	2-Hexanone	250.000	300.066	-20.0	113	0.00
60	T	Dibromochloromethane	50.000	57.991	-16.0	115	0.00
61	T	1,2-Dibromoethane	50.000	55.854	-11.7	109	0.00
62	S	4-Bromofluorobenzene	50.000	53.430	-6.9	104	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	95	0.00
64	T	Tetrachloroethene	50.000	55.784	-11.6	108	0.00
65	PM	Chlorobenzene	50.000	55.546	-11.1	109	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.851	-13.7	112	0.00
67	C	Ethyl Benzene	50.000	57.896	-15.8#	111	0.00
68	T	m/p-Xylenes	100.000	115.188	-15.2	111	0.00
69	T	o-Xylene	50.000	56.406	-12.8	108	0.00
70	T	Styrene	50.000	58.967	-17.9	111	0.00
71	P	Bromoform	50.000	57.696	-15.4	112	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	57.451	-14.9	112	0.00
74	T	N-amyl acetate	50.000	55.609	-11.2	106	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.882	-9.8	107	0.00
76	T	1,2,3-Trichloropropane	50.000	50.005	-0.0	101	0.00
77	T	Bromobenzene	50.000	55.543	-11.1	109	0.00
78	T	n-propylbenzene	50.000	57.710	-15.4	111	0.00
79	T	2-Chlorotoluene	50.000	55.204	-10.4	111	0.00
80	T	1,3,5-Trimethylbenzene	50.000	57.322	-14.6	111	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	56.625	-13.3	109	0.00
82	T	4-Chlorotoluene	50.000	54.870	-9.7	109	0.00
83	T	tert-Butylbenzene	50.000	57.698	-15.4	111	0.00
84	T	1,2,4-Trimethylbenzene	50.000	58.816	-17.6	112	0.00
85	T	sec-Butylbenzene	50.000	59.996	-20.0	115	0.00
86	T	p-Isopropyltoluene	50.000	59.792	-19.6	114	0.00
87	T	1,3-Dichlorobenzene	50.000	56.136	-12.3	111	0.00
88	T	1,4-Dichlorobenzene	50.000	55.671	-11.3	112	0.00
89	T	n-Butylbenzene	50.000	60.434	-20.9	116	0.00
90	T	Hexachloroethane	50.000	55.344	-10.7	111	0.00
91	T	1,2-Dichlorobenzene	50.000	55.291	-10.6	112	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	54.943	-9.9	112	0.00
93	T	1,2,4-Trichlorobenzene	50.000	56.871	-13.7	116	0.00
94	T	Hexachlorobutadiene	50.000	58.154	-16.3	121	0.00
95	T	Naphthalene	50.000	58.331	-16.7	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	57.262	-14.5	110	0.00

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