Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
Data File : VD078582.D
Acq On : 04 Mar 2024 10:47
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 05 04:11:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 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	114	0.00
2	T	Dichlorodifluoromethane	50.000	56.665	-13.3	129	0.00
3	P	Chloromethane	50.000	62.964	-25.9#	135	0.00
4	C	Vinyl Chloride	50.000	55.436	-10.9#	135	0.00
5	T	Bromomethane	50.000	47.453	5.1	123	0.00
6	T	Chloroethane	50.000	54.353	-8.7	134	0.00
7	T	Trichlorofluoromethane	50.000	53.070	-6.1	134	0.00
8	T	Diethyl Ether	50.000	54.212	-8.4	134	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.669	-5.3	132	0.00
10	T	Methyl Iodide	50.000	50.243	-0.5	113	0.00
11	T	Tert butyl alcohol	250.000	282.377	-13.0	143	0.00
12	CM	1,1-Dichloroethene	50.000	52.002	-4.0#	124	0.00
13	T	Acrolein	250.000	260.221	-4.1	117	0.00
14	T	Allyl chloride	50.000	51.029	-2.1	122	0.00
15	T	Acrylonitrile	250.000	274.905	-10.0	136	0.00
16	T	Acetone	250.000	262.056	-4.8	132	0.00
17	T	Carbon Disulfide	50.000	51.176	-2.4	125	0.00
18	T	Methyl Acetate	50.000	63.837	-27.7#	136	0.00
19	T	Methyl tert-butyl Ether	50.000	55.986	-12.0	134	-0.01
20	T	Methylene Chloride	50.000	53.828	-7.7	119	0.00
21	T	trans-1,2-Dichloroethene	50.000	52.886	-5.8	127	0.00
22	T	Diisopropyl ether	50.000	53.066	-6.1	124	0.00
23	T	Vinyl Acetate	250.000	272.856	-9.1	128	0.00
24	P	1,1-Dichloroethane	50.000	50.193	-0.4	119	0.00
25	T	2-Butanone	250.000	271.903	-8.8	136	0.00
26	T	2,2-Dichloropropane	50.000	52.625	-5.3	128	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.636	-5.3	126	0.00
28	T	Bromochloromethane	50.000	48.390	3.2	107	0.00
29	T	Tetrahydrofuran	250.000	284.511	-13.8	137	0.00
30	C	Chloroform	50.000	50.168	-0.3#	122	0.00
31	T	Cyclohexane	50.000	50.585	-1.2	125	0.00
32	T	1,1,1-Trichloroethane	50.000	53.417	-6.8	129	0.00
33	S	1,2-Dichloroethane-d4	50.000	47.859	4.3	121	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	113	0.00
35	S	Dibromofluoromethane	50.000	50.321	-0.6	120	0.00
36	T	1,1-Dichloropropene	50.000	55.176	-10.4	126	0.00
37	T	Ethyl Acetate	50.000	57.531	-15.1	132	0.00
38	T	Carbon Tetrachloride	50.000	54.686	-9.4	129	0.00
39	T	Methylcyclohexane	50.000	58.631	-17.3	127	0.00
40	TM	Benzene	50.000	54.374	-8.7	125	0.00
41	T	Methacrylonitrile	50.000	62.354	-24.7	138	0.00
42	TM	1,2-Dichloroethane	50.000	51.620	-3.2	123	0.00
43	T	Isopropyl Acetate	50.000	54.367	-8.7	133	0.00
44	TM	Trichloroethene	50.000	54.508	-9.0	130	0.00
45	C	1,2-Dichloropropane	50.000	52.992	-6.0#	122	0.00
46	T	Dibromomethane	50.000	56.329	-12.7	132	0.00
47	T	Bromodichloromethane	50.000	53.562	-7.1	126	0.00
48	T	Methyl methacrylate	50.000	59.457	-18.9	141	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1181.401	-18.1	150	0.00
50	S	Toluene-d8	50.000	51.738	-3.5	120	0.00
51	T	4-Methyl-2-Pentanone	250.000	290.670	-16.3	137	0.00
52	CM	Toluene	50.000	55.358	-10.7#	122	0.00
53	T	t-1,3-Dichloropropene	50.000	55.397	-10.8	131	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.238	-8.5	126	0.00
55	T	1,1,2-Trichloroethane	50.000	53.194	-6.4	129	0.00
56	T	Ethyl methacrylate	50.000	59.047	-18.1	135	0.00
57	T	1,3-Dichloropropane	50.000	53.717	-7.4	127	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	281.735	-12.7	134	0.00
59	T	2-Hexanone	250.000	298.612	-19.4	142	0.00
60	T	Dibromochloromethane	50.000	56.066	-12.1	130	0.00
61	T	1,2-Dibromoethane	50.000	56.981	-14.0	133	0.00
62	S	4-Bromofluorobenzene	50.000	53.197	-6.4	122	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	110	0.00
64	T	Tetrachloroethene	50.000	59.166	-18.3	128	0.00
65	PM	Chlorobenzene	50.000	56.409	-12.8	124	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	56.447	-12.9	129	0.00
67	C	Ethyl Benzene	50.000	58.008	-16.0#	125	0.00
68	T	m/p-Xylenes	100.000	118.043	-18.0	124	0.00
69	T	o-Xylene	50.000	59.515	-19.0	126	0.00
70	T	Styrene	50.000	59.488	-19.0	124	0.00
71	P	Bromoform	50.000	60.489	-21.0	141	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	112	0.00
73	T	Isopropylbenzene	50.000	56.846	-13.7	124	0.00
74	T	N-amyl acetate	50.000	57.105	-14.2	133	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	53.446	-6.9	132	0.00
76	T	1,2,3-Trichloropropane	50.000	53.611	-7.2	130	0.00
77	T	Bromobenzene	50.000	55.276	-10.6	125	0.00
78	T	n-propylbenzene	50.000	57.249	-14.5	125	0.00
79	T	2-Chlorotoluene	50.000	56.054	-12.1	124	0.00
80	T	1,3,5-Trimethylbenzene	50.000	58.968	-17.9	127	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	59.790	-19.6	146	0.00
82	T	4-Chlorotoluene	50.000	55.850	-11.7	124	0.00
83	T	tert-Butylbenzene	50.000	58.268	-16.5	121	0.00
84	T	1,2,4-Trimethylbenzene	50.000	57.497	-15.0	123	0.00
85	T	sec-Butylbenzene	50.000	58.673	-17.3	124	0.00
86	T	p-Isopropyltoluene	50.000	60.291	-20.6	126	0.00
87	T	1,3-Dichlorobenzene	50.000	56.366	-12.7	126	0.00
88	T	1,4-Dichlorobenzene	50.000	55.377	-10.8	129	0.00
89	T	n-Butylbenzene	50.000	59.209	-18.4	126	0.00
90	T	Hexachloroethane	50.000	56.419	-12.8	125	0.00
91	T	1,2-Dichlorobenzene	50.000	55.867	-11.7	125	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.092	-10.2	142	0.00
93	T	1,2,4-Trichlorobenzene	50.000	57.528	-15.1	128	0.00
94	T	Hexachlorobutadiene	50.000	58.408	-16.8	129	0.00
95	T	Naphthalene	50.000	63.204	-26.4#	143	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	59.514	-19.0	134	0.00

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