Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
Data File : VD078883.D
Acq On : 07 May 2024 17:25
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.06G/5ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: May 08 04:24:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050124S.M
Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:11 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	88	0.00
2	T	Dichlorodifluoromethane	50.000	43.219	13.6	82	0.00
3	P	Chloromethane	50.000	48.441	3.1	83	0.00
4	C	Vinyl Chloride	50.000	52.661	-5.3#	91	0.00
5	T	Bromomethane	50.000	43.019	14.0	77	0.00
6	T	Chloroethane	50.000	51.846	-3.7	85	0.00
7	T	Trichlorofluoromethane	50.000	55.999	-12.0	103	0.00
8	T	Diethyl Ether	50.000	62.414	-24.8	99	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	57.088	-14.2	101	-0.01
10	T	Methyl Iodide	50.000	59.127	-18.3	97	0.00
11	T	Tert butyl alcohol	250.000	306.475	-22.6	95	0.01
12	CM	1,1-Dichloroethene	50.000	55.448	-10.9#	95	0.00
13	T	Acrolein	250.000	221.962	11.2	74	0.00
14	T	Allyl chloride	50.000	57.791	-15.6	92	-0.01
15	T	Acrylonitrile	250.000	311.701	-24.7	96	0.00
16	T	Acetone	250.000	296.213	-18.5	82	0.00
17	T	Carbon Disulfide	50.000	53.020	-6.0	88	0.00
18	T	Methyl Acetate	50.000	62.184	-24.4	103	0.00
19	T	Methyl tert-butyl Ether	50.000	65.024	-30.0#	99	0.00
20	T	Methylene Chloride	50.000	69.843	-39.7#	115	0.00
21	T	trans-1,2-Dichloroethene	50.000	57.359	-14.7	92	-0.01
22	T	Diisopropyl ether	50.000	64.463	-28.9#	94	-0.01
23	T	Vinyl Acetate	250.000	320.448	-28.2#	94	0.00
24	P	1,1-Dichloroethane	50.000	57.467	-14.9	94	0.00
25	T	2-Butanone	250.000	257.134	-2.9	77	0.00
26	T	2,2-Dichloropropane	50.000	48.981	2.0	81	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.277	-0.6	80	0.00
28	T	Bromochloromethane	50.000	45.371	9.3	70	0.00
29	T	Tetrahydrofuran	250.000	285.399	-14.2	85	0.00
30	C	Chloroform	50.000	50.166	-0.3#	82	0.00
31	T	Cyclohexane	50.000	45.630	8.7	85	0.00
32	T	1,1,1-Trichloroethane	50.000	49.949	0.1	84	0.00
33	S	1,2-Dichloroethane-d4	50.000	49.515	1.0	76	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	84	0.00
35	S	Dibromofluoromethane	50.000	50.197	-0.4	73	0.00
36	T	1,1-Dichloropropene	50.000	52.566	-5.1	84	0.00
37	T	Ethyl Acetate	50.000	56.228	-12.5	89	0.00
38	T	Carbon Tetrachloride	50.000	51.708	-3.4	85	0.00
39	T	Methylcyclohexane	50.000	52.444	-4.9	88	0.00
40	TM	Benzene	50.000	52.206	-4.4	82	0.00
41	T	Methacrylonitrile	50.000	61.364	-22.7	105	0.00
42	TM	1,2-Dichloroethane	50.000	53.798	-7.6	82	0.00
43	T	Isopropyl Acetate	50.000	57.093	-14.2	83	0.00
44	TM	Trichloroethene	50.000	51.313	-2.6	81	0.00
45	C	1,2-Dichloropropane	50.000	53.032	-6.1#	82	0.00
46	T	Dibromomethane	50.000	54.905	-9.8	84	0.00
47	T	Bromodichloromethane	50.000	53.050	-6.1	82	0.00
48	T	Methyl methacrylate	50.000	52.002	-4.0	75	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1256.028	-25.6#	84	0.00
50	S	Toluene-d8	50.000	50.411	-0.8	73	0.00
51	T	4-Methyl-2-Pentanone	250.000	288.417	-15.4	83	0.00
52	CM	Toluene	50.000	53.971	-7.9#	81	0.00
53	T	t-1,3-Dichloropropene	50.000	53.891	-7.8	82	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.575	-9.2	83	0.00
55	T	1,1,2-Trichloroethane	50.000	54.394	-8.8	84	0.00
56	T	Ethyl methacrylate	50.000	58.190	-16.4	82	0.00
57	T	1,3-Dichloropropane	50.000	54.292	-8.6	83	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	300.057	-20.0	89	0.00
59	T	2-Hexanone	250.000	289.107	-15.6	82	0.00
60	T	Dibromochloromethane	50.000	55.538	-11.1	85	0.00
61	T	1,2-Dibromoethane	50.000	55.898	-11.8	86	0.00
62	S	4-Bromofluorobenzene	50.000	51.662	-3.3	73	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	84	0.00
64	T	Tetrachloroethene	50.000	52.401	-4.8	82	0.00
65	PM	Chlorobenzene	50.000	54.296	-8.6	83	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.945	-9.9	86	0.00
67	C	Ethyl Benzene	50.000	54.711	-9.4#	82	0.00
68	T	m/p-Xylenes	100.000	113.684	-13.7	83	0.00
69	T	o-Xylene	50.000	56.974	-13.9	84	0.00
70	T	Styrene	50.000	57.701	-15.4	84	0.00
71	P	Bromoform	50.000	59.647	-19.3	88	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	89	0.00
73	T	Isopropylbenzene	50.000	52.188	-4.4	84	0.00
74	T	N-amyl acetate	50.000	52.981	-6.0	82	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.512	-5.0	87	0.00
76	T	1,2,3-Trichloropropane	50.000	48.546	2.9	85	0.00
77	T	Bromobenzene	50.000	50.919	-1.8	84	0.00
78	T	n-propylbenzene	50.000	52.398	-4.8	84	0.00
79	T	2-Chlorotoluene	50.000	51.580	-3.2	83	0.00
80	T	1,3,5-Trimethylbenzene	50.000	53.027	-6.1	83	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	52.539	-5.1	85	0.00
82	T	4-Chlorotoluene	50.000	51.168	-2.3	81	0.00
83	T	tert-Butylbenzene	50.000	53.141	-6.3	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	54.110	-8.2	85	0.00
85	T	sec-Butylbenzene	50.000	53.513	-7.0	89	0.00
86	T	p-Isopropyltoluene	50.000	53.836	-7.7	88	0.00
87	T	1,3-Dichlorobenzene	50.000	52.628	-5.3	87	0.00
88	T	1,4-Dichlorobenzene	50.000	51.461	-2.9	86	0.00
89	T	n-Butylbenzene	50.000	53.018	-6.0	87	0.00
90	T	Hexachloroethane	50.000	50.919	-1.8	88	0.00
91	T	1,2-Dichlorobenzene	50.000	52.362	-4.7	84	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.116	-4.2	85	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.357	-10.7	89	0.00
94	T	Hexachlorobutadiene	50.000	56.453	-12.9	100	0.00
95	T	Naphthalene	50.000	56.367	-12.7	88	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.348	-12.7	90	0.00

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