Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
Data File : VD078448.D
Acq On : 15 Feb 2024 20:56
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Feb 16 02:41:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 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	81	0.00
2	T	Dichlorodifluoromethane	50.000	49.618	0.8	79	0.00
3	P	Chloromethane	50.000	55.595	-11.2	94	0.00
4	C	Vinyl Chloride	50.000	52.267	-4.5#	90	0.00
5	T	Bromomethane	50.000	50.051	-0.1	91	0.00
6	T	Chloroethane	50.000	53.322	-6.6	96	0.00
7	T	Trichlorofluoromethane	50.000	48.468	3.1	83	0.00
8	T	Diethyl Ether	50.000	56.548	-13.1	106	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.741	8.5	80	0.00
10	T	Methyl Iodide	50.000	53.994	-8.0	91	0.00
11	T	Tert butyl alcohol	250.000	292.321	-16.9	111	0.02
12	CM	1,1-Dichloroethene	50.000	51.475	-3.0#	89	-0.01
13	T	Acrolein	250.000	219.563	12.2	93	0.00
14	T	Allyl chloride	50.000	50.955	-1.9	90	0.00
15	T	Acrylonitrile	250.000	298.159	-19.3	108	0.00
16	T	Acetone	250.000	234.095	6.4	79	0.00
17	T	Carbon Disulfide	50.000	47.436	5.1	84	0.00
18	T	Methyl Acetate	50.000	68.637	-37.3#	110	-0.01
19	T	Methyl tert-butyl Ether	50.000	60.169	-20.3	108	0.00
20	T	Methylene Chloride	50.000	61.277	-22.6	100	0.00
21	T	trans-1,2-Dichloroethene	50.000	54.854	-9.7	96	0.00
22	T	Diisopropyl ether	50.000	57.634	-15.3	100	0.00
23	T	Vinyl Acetate	250.000	265.937	-6.4	99	0.00
24	P	1,1-Dichloroethane	50.000	54.105	-8.2	95	0.00
25	T	2-Butanone	250.000	285.049	-14.0	98	0.00
26	T	2,2-Dichloropropane	50.000	47.697	4.6	81	0.00
27	T	cis-1,2-Dichloroethene	50.000	56.003	-12.0	99	0.00
28	T	Bromochloromethane	50.000	52.094	-4.2	85	0.00
29	T	Tetrahydrofuran	250.000	320.463	-28.2#	116	0.00
30	C	Chloroform	50.000	56.990	-14.0#	100	0.00
31	T	Cyclohexane	50.000	46.000	8.0	80	0.00
32	T	1,1,1-Trichloroethane	50.000	52.901	-5.8	93	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.318	3.4	88	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	83	0.00
35	S	Dibromofluoromethane	50.000	50.220	-0.4	91	0.00
36	T	1,1-Dichloropropene	50.000	50.442	-0.9	90	0.00
37	T	Ethyl Acetate	50.000	59.366	-18.7	118	0.00
38	T	Carbon Tetrachloride	50.000	49.967	0.1	88	0.00
39	T	Methylcyclohexane	50.000	47.766	4.5	81	0.00
40	TM	Benzene	50.000	55.018	-10.0	98	0.00
41	T	Methacrylonitrile	50.000	64.262	-28.5#	115	0.00
42	TM	1,2-Dichloroethane	50.000	56.296	-12.6	106	0.00
43	T	Isopropyl Acetate	50.000	60.186	-20.4	110	0.00
44	TM	Trichloroethene	50.000	55.416	-10.8	99	0.00
45	C	1,2-Dichloropropane	50.000	55.437	-10.9#	102	0.00
46	T	Dibromomethane	50.000	59.387	-18.8	110	0.00
47	T	Bromodichloromethane	50.000	56.703	-13.4	101	0.00
48	T	Methyl methacrylate	50.000	61.347	-22.7	101	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	1251.904	-25.2#	119	0.00
50	S	Toluene-d8	50.000	47.514	5.0	87	0.00
51	T	4-Methyl-2-Pentanone	250.000	300.369	-20.1	111	0.00
52	CM	Toluene	50.000	55.914	-11.8#	99	0.00
53	T	t-1,3-Dichloropropene	50.000	58.728	-17.5	105	0.00
54	T	cis-1,3-Dichloropropene	50.000	56.834	-13.7	103	0.00
55	T	1,1,2-Trichloroethane	50.000	61.579	-23.2	114	0.00
56	T	Ethyl methacrylate	50.000	55.821	-11.6	118	0.00
57	T	1,3-Dichloropropane	50.000	59.332	-18.7	111	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	280.138	-12.1	92	0.00
59	T	2-Hexanone	250.000	275.439	-10.2	106	0.00
60	T	Dibromochloromethane	50.000	61.190	-22.4	112	0.00
61	T	1,2-Dibromoethane	50.000	61.250	-22.5	110	0.00
62	S	4-Bromofluorobenzene	50.000	49.154	1.7	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	88	0.00
64	T	Tetrachloroethene	50.000	53.122	-6.2	100	0.00
65	PM	Chlorobenzene	50.000	55.107	-10.2	105	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.268	-10.5	106	0.00
67	C	Ethyl Benzene	50.000	53.497	-7.0#	97	0.00
68	T	m/p-Xylenes	100.000	109.927	-9.9	98	0.00
69	T	o-Xylene	50.000	55.389	-10.8	101	0.00
70	T	Styrene	50.000	53.808	-7.6	105	0.00
71	P	Bromoform	50.000	59.688	-19.4	120	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	51.042	-2.1	96	0.00
74	T	N-amyl acetate	50.000	52.932	-5.9	113	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.585	-9.2	116	0.00
76	T	1,2,3-Trichloropropane	50.000	54.135	-8.3	126	0.00
77	T	Bromobenzene	50.000	54.784	-9.6	108	0.00
78	T	n-propylbenzene	50.000	48.895	2.2	93	0.00
79	T	2-Chlorotoluene	50.000	51.266	-2.5	100	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.090	-2.2	96	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	50.949	-1.9	105	0.00
82	T	4-Chlorotoluene	50.000	50.718	-1.4	99	0.00
83	T	tert-Butylbenzene	50.000	51.092	-2.2	95	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.140	-4.3	97	0.00
85	T	sec-Butylbenzene	50.000	47.290	5.4	91	0.00
86	T	p-Isopropyltoluene	50.000	50.669	-1.3	92	0.00
87	T	1,3-Dichlorobenzene	50.000	51.791	-3.6	101	0.00
88	T	1,4-Dichlorobenzene	50.000	51.227	-2.5	102	0.00
89	T	n-Butylbenzene	50.000	46.682	6.6	85	0.00
90	T	Hexachloroethane	50.000	48.177	3.6	96	0.00
91	T	1,2-Dichlorobenzene	50.000	54.101	-8.2	107	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	52.881	-5.8	109	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.037	-4.1	100	0.00
94	T	Hexachlorobutadiene	50.000	45.037	9.9	85	0.00
95	T	Naphthalene	50.000	58.694	-17.4	117	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.282	-12.6	108	0.00

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