Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050724\
Data File : VD078871.D
Acq On : 07 May 2024 10:04
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: May 08 04:18:00 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	101	0.00
2	T	Dichlorodifluoromethane	50.000	45.601	8.8	100	0.00
3	P	Chloromethane	50.000	44.387	11.2	87	0.00
4	C	Vinyl Chloride	50.000	48.947	2.1#	97	0.00
5	T	Bromomethane	50.000	44.067	11.9	90	0.00
6	T	Chloroethane	50.000	49.122	1.8	93	0.00
7	T	Trichlorofluoromethane	50.000	48.940	2.1	103	0.00
8	T	Diethyl Ether	50.000	50.380	-0.8	92	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	49.789	0.4	101	0.00
10	T	Methyl Iodide	50.000	52.946	-5.9	99	0.00
11	T	Tert butyl alcohol	250.000	245.243	1.9	87	0.00
12	CM	1,1-Dichloroethene	50.000	48.656	2.7#	96	0.00
13	T	Acrolein	250.000	204.522	18.2	78	0.00
14	T	Allyl chloride	50.000	49.343	1.3	91	0.00
15	T	Acrylonitrile	250.000	255.762	-2.3	91	0.00
16	T	Acetone	250.000	292.520	-17.0	93	0.00
17	T	Carbon Disulfide	50.000	47.092	5.8	90	0.00
18	T	Methyl Acetate	50.000	50.771	-1.5	97	0.00
19	T	Methyl tert-butyl Ether	50.000	53.227	-6.5	93	0.00
20	T	Methylene Chloride	50.000	42.932	14.1	87	0.00
21	T	trans-1,2-Dichloroethene	50.000	49.736	0.5	92	0.00
22	T	Diisopropyl ether	50.000	53.208	-6.4	89	0.00
23	T	Vinyl Acetate	250.000	265.773	-6.3	89	0.00
24	P	1,1-Dichloroethane	50.000	48.816	2.4	91	0.00
25	T	2-Butanone	250.000	270.488	-8.2	93	0.00
26	T	2,2-Dichloropropane	50.000	50.968	-1.9	96	0.00
27	T	cis-1,2-Dichloroethene	50.000	50.358	-0.7	92	0.00
28	T	Bromochloromethane	50.000	48.927	2.1	87	-0.01
29	T	Tetrahydrofuran	250.000	267.504	-7.0	91	0.00
30	C	Chloroform	50.000	49.463	1.1#	92	0.00
31	T	Cyclohexane	50.000	47.461	5.1	101	0.00
32	T	1,1,1-Trichloroethane	50.000	52.472	-4.9	101	0.00
33	S	1,2-Dichloroethane-d4	50.000	45.744	8.5	80	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	51.945	-3.9	84	0.00
36	T	1,1-Dichloropropene	50.000	55.086	-10.2	97	0.00
37	T	Ethyl Acetate	50.000	53.295	-6.6	93	0.00
38	T	Carbon Tetrachloride	50.000	55.507	-11.0	101	0.00
39	T	Methylcyclohexane	50.000	55.918	-11.8	104	0.00
40	TM	Benzene	50.000	53.180	-6.4	92	0.00
41	T	Methacrylonitrile	50.000	68.388	-36.8#	129	0.00
42	TM	1,2-Dichloroethane	50.000	53.639	-7.3	91	0.00
43	T	Isopropyl Acetate	50.000	57.029	-14.1	91	0.00
44	TM	Trichloroethene	50.000	55.857	-11.7	98	0.00
45	C	1,2-Dichloropropane	50.000	54.306	-8.6#	93	0.00
46	T	Dibromomethane	50.000	53.184	-6.4	90	0.00
47	T	Bromodichloromethane	50.000	53.248	-6.5	91	0.00
48	T	Methyl methacrylate	50.000	57.793	-15.6	92	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	1144.358	-14.4	85	0.00
50	S	Toluene-d8	50.000	50.994	-2.0	82	0.00
51	T	4-Methyl-2-Pentanone	250.000	277.591	-11.0	88	0.00
52	CM	Toluene	50.000	56.791	-13.6#	94	0.00
53	T	t-1,3-Dichloropropene	50.000	56.983	-14.0	96	0.00
54	T	cis-1,3-Dichloropropene	50.000	54.999	-10.0	93	0.00
55	T	1,1,2-Trichloroethane	50.000	55.463	-10.9	95	0.00
56	T	Ethyl methacrylate	50.000	58.720	-17.4	92	0.00
57	T	1,3-Dichloropropane	50.000	55.368	-10.7	94	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	240.557	3.8	79	0.00
59	T	2-Hexanone	250.000	302.453	-21.0	95	0.00
60	T	Dibromochloromethane	50.000	56.682	-13.4	96	0.00
61	T	1,2-Dibromoethane	50.000	56.107	-12.2	95	0.00
62	S	4-Bromofluorobenzene	50.000	51.550	-3.1	80	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
64	T	Tetrachloroethene	50.000	56.800	-13.6	98	0.00
65	PM	Chlorobenzene	50.000	56.136	-12.3	94	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.872	-11.7	96	0.00
67	C	Ethyl Benzene	50.000	57.380	-14.8#	95	0.00
68	T	m/p-Xylenes	100.000	116.898	-16.9	94	0.00
69	T	o-Xylene	50.000	58.707	-17.4	94	0.00
70	T	Styrene	50.000	60.566	-21.1	96	0.00
71	P	Bromoform	50.000	58.780	-17.6	95	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73	T	Isopropylbenzene	50.000	55.257	-10.5	96	0.00
74	T	N-amyl acetate	50.000	52.906	-5.8	89	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	52.797	-5.6	95	0.00
76	T	1,2,3-Trichloropropane	50.000	49.713	0.6	94	0.00
77	T	Bromobenzene	50.000	52.887	-5.8	94	0.00
78	T	n-propylbenzene	50.000	54.443	-8.9	95	0.00
79	T	2-Chlorotoluene	50.000	53.719	-7.4	94	0.00
80	T	1,3,5-Trimethylbenzene	50.000	55.651	-11.3	95	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.504	-9.0	95	0.00
82	T	4-Chlorotoluene	50.000	52.706	-5.4	90	0.00
83	T	tert-Butylbenzene	50.000	57.762	-15.5	99	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.695	-13.4	96	0.00
85	T	sec-Butylbenzene	50.000	55.968	-11.9	101	0.00
86	T	p-Isopropyltoluene	50.000	57.927	-15.9	102	0.00
87	T	1,3-Dichlorobenzene	50.000	54.886	-9.8	98	0.00
88	T	1,4-Dichlorobenzene	50.000	52.694	-5.4	95	0.00
89	T	n-Butylbenzene	50.000	55.662	-11.3	98	0.00
90	T	Hexachloroethane	50.000	53.122	-6.2	99	0.00
91	T	1,2-Dichlorobenzene	50.000	54.955	-9.9	96	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	51.726	-3.5	92	0.00
93	T	1,2,4-Trichlorobenzene	50.000	55.874	-11.7	97	0.00
94	T	Hexachlorobutadiene	50.000	57.497	-15.0	111	0.00
95	T	Naphthalene	50.000	57.176	-14.4	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.551	-13.1	98	0.00

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