Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103122\
Data File : VD074697.D
Acq On : 31 Oct 2022 19:23
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Nov 01 01:35:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 00:18:17 2022
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	92	0.00
2	T	Dichlorodifluoromethane	50.000	43.202	13.6	86	0.00
3	P	Chloromethane	50.000	45.433	9.1	81	0.00
4	C	Vinyl Chloride	50.000	45.976	8.0#	87	0.00
5	T	Bromomethane	50.000	42.592	14.8	85	0.00
6	T	Chloroethane	50.000	47.726	4.5	92	0.00
7	T	Trichlorofluoromethane	50.000	49.252	1.5	92	0.00
8	T	Diethyl Ether	50.000	49.286	1.4	91	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	52.239	-4.5	97	0.00
10	T	Methyl Iodide	50.000	43.420	13.2	90	0.00
11	T	Tert butyl alcohol	250.000	283.232	-13.3	103	0.00
12	CM	1,1-Dichloroethene	50.000	47.714	4.6#	91	0.00
13	T	Acrolein	250.000	217.511	13.0	83	0.00
14	T	Allyl chloride	50.000	49.843	0.3	93	0.00
15	T	Acrylonitrile	250.000	273.894	-9.6	102	0.00
16	T	Acetone	250.000	250.157	-0.1	83	0.00
17	T	Carbon Disulfide	50.000	39.248	21.5	74	0.00
18	T	Methyl Acetate	50.000	51.790	-3.6	101	0.00
19	T	Methyl tert-butyl Ether	50.000	52.714	-5.4	98	0.00
20	T	Methylene Chloride	50.000	51.516	-3.0	96	0.00
21	T	trans-1,2-Dichloroethene	50.000	48.203	3.6	89	0.00
22	T	Diisopropyl ether	50.000	54.809	-9.6	99	0.00
23	T	Vinyl Acetate	250.000	263.581	-5.4	95	0.00
24	P	1,1-Dichloroethane	50.000	51.521	-3.0	96	0.00
25	T	2-Butanone	250.000	267.386	-7.0	94	0.00
26	T	2,2-Dichloropropane	50.000	52.745	-5.5	98	0.00
27	T	cis-1,2-Dichloroethene	50.000	51.398	-2.8	96	0.00
28	T	Bromochloromethane	50.000	52.330	-4.7	98	0.00
29	T	Tetrahydrofuran	250.000	271.110	-8.4	100	0.00
30	C	Chloroform	50.000	53.970	-7.9#	102	0.00
31	T	Cyclohexane	50.000	47.571	4.9	87	0.00
32	T	1,1,1-Trichloroethane	50.000	53.731	-7.5	99	0.00
33	S	1,2-Dichloroethane-d4	50.000	48.976	2.0	92	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	92	0.00
35	S	Dibromofluoromethane	50.000	52.217	-4.4	95	0.00
36	T	1,1-Dichloropropene	50.000	52.692	-5.4	92	0.00
37	T	Ethyl Acetate	50.000	56.402	-12.8	106	0.00
38	T	Carbon Tetrachloride	50.000	54.358	-8.7	91	0.00
39	T	Methylcyclohexane	50.000	48.041	3.9	81	0.00
40	TM	Benzene	50.000	52.460	-4.9	93	0.00
41	T	Methacrylonitrile	50.000	58.220	-16.4	99	0.00
42	TM	1,2-Dichloroethane	50.000	52.631	-5.3	96	0.00
43	T	Isopropyl Acetate	50.000	54.259	-8.5	101	0.00
44	TM	Trichloroethene	50.000	45.396	9.2	81	0.00
45	C	1,2-Dichloropropane	50.000	49.767	0.5#	89	0.00
46	T	Dibromomethane	50.000	49.011	2.0	89	0.00
47	T	Bromodichloromethane	50.000	49.677	0.6	89	0.00
48	T	Methyl methacrylate	50.000	51.562	-3.1	93	0.00

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Quant Time: Nov 01 01:35:26 2022
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Quant Title : SW846 8260
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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)
49	T	1,4-Dioxane	1000.000	909.448	9.1	81	0.00
50	S	Toluene-d8	50.000	47.420	5.2	81	0.00
51	T	4-Methyl-2-Pentanone	250.000	269.463	-7.8	94	0.00
52	CM	Toluene	50.000	49.823	0.4#	84	0.00
53	T	t-1,3-Dichloropropene	50.000	52.305	-4.6	90	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.220	-2.4	88	0.00
55	T	1,1,2-Trichloroethane	50.000	51.021	-2.0	91	0.00
56	T	Ethyl methacrylate	50.000	52.418	-4.8	90	0.00
57	T	1,3-Dichloropropane	50.000	51.902	-3.8	91	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	219.182	12.3	91	0.00
59	T	2-Hexanone	250.000	266.467	-6.6	90	0.00
60	T	Dibromochloromethane	50.000	50.590	-1.2	86	0.00
61	T	1,2-Dibromoethane	50.000	49.760	0.5	87	0.00
62	S	4-Bromofluorobenzene	50.000	50.826	-1.7	93	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64	T	Tetrachloroethene	50.000	50.863	-1.7	84	0.00
65	PM	Chlorobenzene	50.000	53.284	-6.6	86	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	54.639	-9.3	88	0.00
67	C	Ethyl Benzene	50.000	55.564	-11.1#	88	0.00
68	T	m/p-Xylenes	100.000	111.324	-11.3	90	0.00
69	T	o-Xylene	50.000	56.020	-12.0	95	0.00
70	T	Styrene	50.000	57.444	-14.9	97	0.00
71	P	Bromoform	50.000	57.272	-14.5	100	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	95	0.00
73	T	Isopropylbenzene	50.000	55.730	-11.5	98	0.00
74	T	N-amyl acetate	50.000	56.680	-13.4	103	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	54.899	-9.8	103	0.00
76	T	1,2,3-Trichloropropane	50.000	52.848	-5.7	89	0.00
77	T	Bromobenzene	50.000	51.936	-3.9	95	0.00
78	T	n-propylbenzene	50.000	56.366	-12.7	99	0.00
79	T	2-Chlorotoluene	50.000	54.476	-9.0	99	0.00
80	T	1,3,5-Trimethylbenzene	50.000	54.790	-9.6	97	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	54.641	-9.3	99	0.00
82	T	4-Chlorotoluene	50.000	55.340	-10.7	99	0.00
83	T	tert-Butylbenzene	50.000	55.678	-11.4	98	0.00
84	T	1,2,4-Trimethylbenzene	50.000	56.215	-12.4	99	0.00
85	T	sec-Butylbenzene	50.000	56.287	-12.6	99	0.00
86	T	p-Isopropyltoluene	50.000	55.888	-11.8	99	0.00
87	T	1,3-Dichlorobenzene	50.000	52.648	-5.3	97	0.00
88	T	1,4-Dichlorobenzene	50.000	52.008	-4.0	98	0.00
89	T	n-Butylbenzene	50.000	56.505	-13.0	99	0.00
90	T	Hexachloroethane	50.000	56.216	-12.4	100	0.00
91	T	1,2-Dichlorobenzene	50.000	53.175	-6.3	98	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.822	-11.6	101	0.00
93	T	1,2,4-Trichlorobenzene	50.000	51.761	-3.5	93	0.00
94	T	Hexachlorobutadiene	50.000	53.238	-6.5	94	0.00
95	T	Naphthalene	50.000	53.374	-6.7	96	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	52.096	-4.2	95	0.00

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