Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
Data File : VD072235.D
Acq On : 16 Mar 2022 23:13
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 17 02:30:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 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	80	0.00
2	T	Dichlorodifluoromethane	50.000	41.250	17.5	61	0.00
3	P	Chloromethane	50.000	61.193	-22.4	90	0.00
4	C	Vinyl Chloride	50.000	56.862	-13.7#	78	0.00
5	T	Bromomethane	50.000	67.175	-34.3#	102	0.00
6	T	Chloroethane	50.000	62.850	-25.7#	89	0.00
7	T	Trichlorofluoromethane	50.000	45.767	8.5	67	0.00
8	T	Diethyl Ether	50.000	65.413	-30.8#	102	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	45.948	8.1	68	0.00
10	T	Methyl Iodide	50.000	44.640	10.7	68	0.00
11	T	Tert butyl alcohol	250.000	298.337	-19.3	108	0.01
12	CM	1,1-Dichloroethene	50.000	53.043	-6.1#	76	0.00
13	T	Acrolein	250.000	261.636	-4.7	98	0.00
14	T	Allyl chloride	50.000	60.666	-21.3	89	0.00
15	T	Acrylonitrile	250.000	339.792	-35.9#	111	0.00
16	T	Acetone	250.000	254.488	-1.8	81	0.00
17	T	Carbon Disulfide	50.000	53.268	-6.5	75	0.00
18	T	Methyl Acetate	50.000	81.485	-63.0#	147	0.00
19	T	Methyl tert-butyl Ether	50.000	65.516	-31.0#	102	0.00
20	T	Methylene Chloride	50.000	65.965	-31.9#	95	0.00
21	T	trans-1,2-Dichloroethene	50.000	59.680	-19.4	84	0.00
22	T	Diisopropyl ether	50.000	65.480	-31.0#	101	0.00
23	T	Vinyl Acetate	250.000	325.477	-30.2#	96	0.00
24	P	1,1-Dichloroethane	50.000	60.926	-21.9	92	0.00
25	T	2-Butanone	250.000	315.424	-26.2#	103	0.00
26	T	2,2-Dichloropropane	50.000	41.574	16.9	63	0.00
27	T	cis-1,2-Dichloroethene	50.000	61.467	-22.9	92	0.00
28	T	Bromochloromethane	50.000	61.740	-23.5	95	0.00
29	T	Tetrahydrofuran	250.000	353.092	-41.2#	113	0.00
30	C	Chloroform	50.000	60.207	-20.4#	93	0.00
31	T	Cyclohexane	50.000	48.956	2.1	70	0.00
32	T	1,1,1-Trichloroethane	50.000	53.108	-6.2	80	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.700	-23.4	106	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	93	0.00
35	S	Dibromofluoromethane	50.000	52.452	-4.9	106	0.00
36	T	1,1-Dichloropropene	50.000	46.631	6.7	77	0.00
37	T	Ethyl Acetate	50.000	56.501	-13.0	104	0.00
38	T	Carbon Tetrachloride	50.000	42.757	14.5	74	0.00
39	T	Methylcyclohexane	50.000	42.735	14.5	67	0.00
40	TM	Benzene	50.000	52.419	-4.8	89	0.00
41	T	Methacrylonitrile	50.000	61.056	-22.1	110	0.00
42	TM	1,2-Dichloroethane	50.000	53.987	-8.0	97	0.00
43	T	Isopropyl Acetate	50.000	59.000	-18.0	109	0.00
44	TM	Trichloroethene	50.000	48.783	2.4	83	0.00
45	C	1,2-Dichloropropane	50.000	54.603	-9.2#	99	0.00
46	T	Dibromomethane	50.000	57.160	-14.3	103	0.00
47	T	Bromodichloromethane	50.000	53.131	-6.3	97	0.00
48	T	Methyl methacrylate	50.000	62.856	-25.7#	108	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	1096.452	-9.6	105	0.00
50	S	Toluene-d8	50.000	51.337	-2.7	99	0.00
51	T	4-Methyl-2-Pentanone	250.000	303.672	-21.5	113	0.00
52	CM	Toluene	50.000	51.698	-3.4#	87	0.00
53	T	t-1,3-Dichloropropene	50.000	50.646	-1.3	91	0.00
54	T	cis-1,3-Dichloropropene	50.000	51.182	-2.4	91	0.00
55	T	1,1,2-Trichloroethane	50.000	54.383	-8.8	101	0.00
56	T	Ethyl methacrylate	50.000	59.475	-19.0	106	0.00
57	T	1,3-Dichloropropane	50.000	56.200	-12.4	103	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	278.568	-11.4	106	0.00
59	T	2-Hexanone	250.000	295.257	-18.1	109	0.00
60	T	Dibromochloromethane	50.000	52.856	-5.7	99	0.00
61	T	1,2-Dibromoethane	50.000	56.469	-12.9	102	0.00
62	S	4-Bromofluorobenzene	50.000	50.062	-0.1	99	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	99	0.00
64	T	Tetrachloroethene	50.000	47.377	5.2	85	0.00
65	PM	Chlorobenzene	50.000	49.208	1.6	91	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	48.669	2.7	92	0.00
67	C	Ethyl Benzene	50.000	48.284	3.4#	87	0.00
68	T	m/p-Xylenes	100.000	95.780	4.2	85	0.00
69	T	o-Xylene	50.000	50.236	-0.5	90	0.00
70	T	Styrene	50.000	49.941	0.1	92	0.00
71	P	Bromoform	50.000	49.694	0.6	98	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	92	0.00
73	T	Isopropylbenzene	50.000	49.860	0.3	83	0.00
74	T	N-amyl acetate	50.000	56.927	-13.9	102	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	56.359	-12.7	106	0.00
76	T	1,2,3-Trichloropropane	50.000	55.727	-11.5	103	0.00
77	T	Bromobenzene	50.000	52.137	-4.3	92	0.00
78	T	n-propylbenzene	50.000	48.224	3.6	81	0.00
79	T	2-Chlorotoluene	50.000	50.498	-1.0	88	0.00
80	T	1,3,5-Trimethylbenzene	50.000	47.791	4.4	82	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	47.009	6.0	87	0.00
82	T	4-Chlorotoluene	50.000	49.654	0.7	86	0.00
83	T	tert-Butylbenzene	50.000	48.843	2.3	84	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.714	2.6	84	0.00
85	T	sec-Butylbenzene	50.000	46.100	7.8	78	0.00
86	T	p-Isopropyltoluene	50.000	45.976	8.0	78	0.00
87	T	1,3-Dichlorobenzene	50.000	48.044	3.9	86	0.00
88	T	1,4-Dichlorobenzene	50.000	48.529	2.9	87	0.00
89	T	n-Butylbenzene	50.000	43.357	13.3	72	0.00
90	T	Hexachloroethane	50.000	48.027	3.9	85	0.00
91	T	1,2-Dichlorobenzene	50.000	49.697	0.6	90	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.927	-11.9	103	0.00
93	T	1,2,4-Trichlorobenzene	50.000	45.232	9.5	81	0.00
94	T	Hexachlorobutadiene	50.000	39.856	20.3	70	0.00
95	T	Naphthalene	50.000	55.675	-11.3	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	48.549	2.9	88	0.00

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