Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072327.D
Acq On : 19 Mar 2022 09:48
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Mar 21 01:29:37 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	76	0.00
2	T	Dichlorodifluoromethane	50.000	40.715	18.6	58	0.00
3	P	Chloromethane	50.000	61.278	-22.6	85	0.00
4	C	Vinyl Chloride	50.000	57.663	-15.3#	76	0.00
5	T	Bromomethane	50.000	68.643	-37.3#	99	0.00
6	T	Chloroethane	50.000	63.001	-26.0#	85	0.00
7	T	Trichlorofluoromethane	50.000	46.207	7.6	64	0.00
8	T	Diethyl Ether	50.000	65.303	-30.6#	97	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	46.223	7.6	65	0.00
10	T	Methyl Iodide	50.000	44.861	10.3	65	0.00
11	T	Tert butyl alcohol	250.000	284.093	-13.6	97	0.01
12	CM	1,1-Dichloroethene	50.000	51.169	-2.3#	70	0.00
13	T	Acrolein	250.000	152.315	39.1#	54	0.00
14	T	Allyl chloride	50.000	60.314	-20.6	84	0.00
15	T	Acrylonitrile	250.000	331.099	-32.4#	103	0.00
16	T	Acetone	250.000	254.052	-1.6	77	0.00
17	T	Carbon Disulfide	50.000	51.642	-3.3	69	0.00
18	T	Methyl Acetate	50.000	67.247	-34.5#	115	0.00
19	T	Methyl tert-butyl Ether	50.000	64.741	-29.5#	96	0.00
20	T	Methylene Chloride	50.000	66.474	-32.9#	91	0.00
21	T	trans-1,2-Dichloroethene	50.000	59.053	-18.1	79	0.00
22	T	Diisopropyl ether	50.000	65.604	-31.2#	96	0.00
23	T	Vinyl Acetate	250.000	341.368	-36.5#	96	0.00
24	P	1,1-Dichloroethane	50.000	60.182	-20.4	87	0.00
25	T	2-Butanone	250.000	310.910	-24.4	96	0.00
26	T	2,2-Dichloropropane	50.000	43.810	12.4	63	0.00
27	T	cis-1,2-Dichloroethene	50.000	59.640	-19.3	85	0.00
28	T	Bromochloromethane	50.000	67.257	-34.5#	98	0.00
29	T	Tetrahydrofuran	250.000	346.815	-38.7#	105	0.00
30	C	Chloroform	50.000	59.089	-18.2#	87	0.00
31	T	Cyclohexane	50.000	48.947	2.1	66	0.00
32	T	1,1,1-Trichloroethane	50.000	52.714	-5.4	76	0.00
33	S	1,2-Dichloroethane-d4	50.000	61.136	-22.3	100	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	86	0.00
35	S	Dibromofluoromethane	50.000	53.660	-7.3	100	0.00
36	T	1,1-Dichloropropene	50.000	47.759	4.5	73	0.00
37	T	Ethyl Acetate	50.000	60.496	-21.0	103	0.00
38	T	Carbon Tetrachloride	50.000	43.778	12.4	70	0.00
39	T	Methylcyclohexane	50.000	43.960	12.1	64	0.00
40	TM	Benzene	50.000	53.312	-6.6	84	0.00
41	T	Methacrylonitrile	50.000	70.312	-40.6#	117	0.00
42	TM	1,2-Dichloroethane	50.000	55.880	-11.8	93	0.00
43	T	Isopropyl Acetate	50.000	59.464	-18.9	102	0.00
44	TM	Trichloroethene	50.000	48.912	2.2	77	0.00
45	C	1,2-Dichloropropane	50.000	55.762	-11.5#	93	0.00
46	T	Dibromomethane	50.000	58.852	-17.7	98	0.00
47	T	Bromodichloromethane	50.000	53.752	-7.5	90	0.00
48	T	Methyl methacrylate	50.000	58.738	-17.5	94	0.00

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Quant Title : SW846 8260
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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	1185.242	-18.5	104	0.00
50	S	Toluene-d8	50.000	51.243	-2.5	91	0.00
51	T	4-Methyl-2-Pentanone	250.000	306.265	-22.5	105	0.00
52	CM	Toluene	50.000	52.418	-4.8#	82	0.00
53	T	t-1,3-Dichloropropene	50.000	51.706	-3.4	86	0.00
54	T	cis-1,3-Dichloropropene	50.000	53.199	-6.4	87	0.00
55	T	1,1,2-Trichloroethane	50.000	54.121	-8.2	93	0.00
56	T	Ethyl methacrylate	50.000	59.328	-18.7	98	0.00
57	T	1,3-Dichloropropane	50.000	57.002	-14.0	97	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	285.516	-14.2	100	0.00
59	T	2-Hexanone	250.000	300.437	-20.2	103	0.00
60	T	Dibromochloromethane	50.000	53.852	-7.7	93	0.00
61	T	1,2-Dibromoethane	50.000	56.150	-12.3	94	0.00
62	S	4-Bromofluorobenzene	50.000	50.005	-0.0	92	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	90	0.00
64	T	Tetrachloroethene	50.000	45.722	8.6	74	0.00
65	PM	Chlorobenzene	50.000	50.579	-1.2	85	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	49.237	1.5	85	0.00
67	C	Ethyl Benzene	50.000	49.766	0.5#	81	0.00
68	T	m/p-Xylenes	100.000	99.318	0.7	80	0.00
69	T	o-Xylene	50.000	50.559	-1.1	82	0.00
70	T	Styrene	50.000	51.245	-2.5	86	0.00
71	P	Bromoform	50.000	51.944	-3.9	93	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	87	0.00
73	T	Isopropylbenzene	50.000	49.220	1.6	77	0.00
74	T	N-amyl acetate	50.000	59.796	-19.6	100	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.920	-11.8	99	0.00
76	T	1,2,3-Trichloropropane	50.000	54.488	-9.0	94	0.00
77	T	Bromobenzene	50.000	52.963	-5.9	88	0.00
78	T	n-propylbenzene	50.000	48.884	2.2	77	0.00
79	T	2-Chlorotoluene	50.000	50.358	-0.7	82	0.00
80	T	1,3,5-Trimethylbenzene	50.000	48.713	2.6	79	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.532	0.9	86	0.00
82	T	4-Chlorotoluene	50.000	50.250	-0.5	82	0.00
83	T	tert-Butylbenzene	50.000	48.407	3.2	78	0.00
84	T	1,2,4-Trimethylbenzene	50.000	48.989	2.0	79	0.00
85	T	sec-Butylbenzene	50.000	46.276	7.4	73	0.00
86	T	p-Isopropyltoluene	50.000	46.661	6.7	74	0.00
87	T	1,3-Dichlorobenzene	50.000	48.730	2.5	82	0.00
88	T	1,4-Dichlorobenzene	50.000	48.673	2.7	82	0.00
89	T	n-Butylbenzene	50.000	44.008	12.0	69	0.00
90	T	Hexachloroethane	50.000	48.848	2.3	81	0.00
91	T	1,2-Dichlorobenzene	50.000	50.773	-1.5	86	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	53.644	-7.3	93	0.00
93	T	1,2,4-Trichlorobenzene	50.000	46.343	7.3	78	0.00
94	T	Hexachlorobutadiene	50.000	40.015	20.0	66	0.00
95	T	Naphthalene	50.000	59.739	-19.5	102	0.00

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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)
96 T	1,2,3-Trichlorobenzene	50.000	48.788	2.4	83	0.00

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