Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080322\
Data File : VD073947.D
Acq On : 03 Aug 2022 18:32
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.02ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Aug 04 02:54:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 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	82	0.00
2	T	Dichlorodifluoromethane	50.000	45.506	9.0	71	0.00
3	P	Chloromethane	50.000	52.108	-4.2	81	0.00
4	C	Vinyl Chloride	50.000	57.129	-14.3#	83	0.00
5	T	Bromomethane	50.000	44.747	10.5	70	0.00
6	T	Chloroethane	50.000	53.693	-7.4	81	0.00
7	T	Trichlorofluoromethane	50.000	85.916	-71.8#	135	0.00
8	T	Diethyl Ether	50.000	45.841	8.3	72	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	44.973	10.1	73	-0.01
10	T	Methyl Iodide	50.000	43.300	13.4	61	0.00
11	T	Tert butyl alcohol	250.000	279.782	-11.9	91	0.01
12	CM	1,1-Dichloroethene	50.000	45.455	9.1#	70	-0.01
13	T	Acrolein	250.000	320.625	-28.2#	96	0.00
14	T	Allyl chloride	50.000	42.963	14.1	65	0.00
15	T	Acrylonitrile	250.000	233.959	6.4	75	0.00
16	T	Acetone	250.000	179.880	28.0#	57	0.00
17	T	Carbon Disulfide	50.000	45.198	9.6	67	-0.01
18	T	Methyl Acetate	50.000	47.833	4.3	74	0.00
19	T	Methyl tert-butyl Ether	50.000	46.514	7.0	73	0.00
20	T	Methylene Chloride	50.000	53.551	-7.1	86	0.00
21	T	trans-1,2-Dichloroethene	50.000	45.875	8.3	70	0.00
22	T	Diisopropyl ether	50.000	47.043	5.9	73	0.00
23	T	Vinyl Acetate	250.000	251.698	-0.7	74	0.00
24	P	1,1-Dichloroethane	50.000	46.004	8.0	72	0.00
25	T	2-Butanone	250.000	231.930	7.2	71	0.00
26	T	2,2-Dichloropropane	50.000	42.547	14.9	68	0.00
27	T	cis-1,2-Dichloroethene	50.000	44.529	10.9	70	0.00
28	T	Bromochloromethane	50.000	51.738	-3.5	80	0.00
29	T	Tetrahydrofuran	250.000	241.604	3.4	76	0.00
30	C	Chloroform	50.000	45.989	8.0#	72	0.00
31	T	Cyclohexane	50.000	42.041	15.9	67	0.00
32	T	1,1,1-Trichloroethane	50.000	44.204	11.6	69	0.00
33	S	1,2-Dichloroethane-d4	50.000	52.411	-4.8	84	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	82	0.00
35	S	Dibromofluoromethane	50.000	44.687	10.6	83	0.00
36	T	1,1-Dichloropropene	50.000	44.164	11.7	69	0.00
37	T	Ethyl Acetate	50.000	48.041	3.9	83	0.00
38	T	Carbon Tetrachloride	50.000	44.098	11.8	69	0.00
39	T	Methylcyclohexane	50.000	43.838	12.3	68	0.00
40	TM	Benzene	50.000	46.322	7.4	73	0.00
41	T	Methacrylonitrile	50.000	44.830	10.3	75	0.00
42	TM	1,2-Dichloroethane	50.000	46.737	6.5	75	0.00
43	T	Isopropyl Acetate	50.000	47.502	5.0	77	0.00
44	TM	Trichloroethene	50.000	41.766	16.5	67	0.00
45	C	1,2-Dichloropropane	50.000	45.639	8.7#	73	0.00
46	T	Dibromomethane	50.000	46.954	6.1	75	0.00
47	T	Bromodichloromethane	50.000	45.853	8.3	74	0.00
48	T	Methyl methacrylate	50.000	49.416	1.2	78	0.00

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49	T	1,4-Dioxane	1000.000	958.586	4.1	81	0.00
50	S	Toluene-d8	50.000	41.914	16.2	80	0.00
51	T	4-Methyl-2-Pentanone	250.000	244.438	2.2	79	0.00
52	CM	Toluene	50.000	45.121	9.8#	71	0.00
53	T	t-1,3-Dichloropropene	50.000	45.524	9.0	73	0.00
54	T	cis-1,3-Dichloropropene	50.000	46.153	7.7	74	0.00
55	T	1,1,2-Trichloroethane	50.000	46.979	6.0	76	0.00
56	T	Ethyl methacrylate	50.000	45.820	8.4	72	0.00
57	T	1,3-Dichloropropane	50.000	46.247	7.5	73	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	274.202	-9.7	85	0.00
59	T	2-Hexanone	250.000	247.848	0.9	76	0.00
60	T	Dibromochloromethane	50.000	45.869	8.3	75	0.00
61	T	1,2-Dibromoethane	50.000	46.223	7.6	74	0.00
62	S	4-Bromofluorobenzene	50.000	45.333	9.3	79	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	87	0.00
64	T	Tetrachloroethene	50.000	38.279	23.4	68	0.00
65	PM	Chlorobenzene	50.000	41.549	16.9	71	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	42.235	15.5	71	0.00
67	C	Ethyl Benzene	50.000	42.526	14.9#	70	0.00
68	T	m/p-Xylenes	100.000	88.216	11.8	71	0.00
69	T	o-Xylene	50.000	42.745	14.5	70	0.00
70	T	Styrene	50.000	45.059	9.9	73	0.00
71	P	Bromoform	50.000	46.020	8.0	77	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	85	0.00
73	T	Isopropylbenzene	50.000	40.793	18.4	70	0.00
74	T	N-amyl acetate	50.000	43.466	13.1	77	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	44.508	11.0	81	0.00
76	T	1,2,3-Trichloropropane	50.000	44.534	10.9	76	0.00
77	T	Bromobenzene	50.000	40.367	19.3	70	0.00
78	T	n-propylbenzene	50.000	41.135	17.7	70	0.00
79	T	2-Chlorotoluene	50.000	41.263	17.5	72	0.00
80	T	1,3,5-Trimethylbenzene	50.000	41.655	16.7	70	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	44.081	11.8	73	0.00
82	T	4-Chlorotoluene	50.000	41.283	17.4	71	0.00
83	T	tert-Butylbenzene	50.000	41.207	17.6	70	0.00
84	T	1,2,4-Trimethylbenzene	50.000	42.904	14.2	73	0.00
85	T	sec-Butylbenzene	50.000	41.309	17.4	70	0.00
86	T	p-Isopropyltoluene	50.000	41.819	16.4	70	0.00
87	T	1,3-Dichlorobenzene	50.000	42.380	15.2	73	0.00
88	T	1,4-Dichlorobenzene	50.000	40.957	18.1	71	0.00
89	T	n-Butylbenzene	50.000	42.063	15.9	71	0.00
90	T	Hexachloroethane	50.000	42.549	14.9	73	0.00
91	T	1,2-Dichlorobenzene	50.000	42.012	16.0	73	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	46.011	8.0	86	0.00
93	T	1,2,4-Trichlorobenzene	50.000	38.868	22.3	70	0.00
94	T	Hexachlorobutadiene	50.000	38.520	23.0	70	0.00
95	T	Naphthalene	50.000	40.885	18.2	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	40.197	19.6	75	0.00

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