Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
Data File : VD074642.D
Acq On : 25 Oct 2022 20:04
Operator : VA/SY
Sample : VSTDCCC050
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC050

Quant Time: Oct 27 01:23:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 20 06:41:20 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	140	0.00
2	T	Dichlorodifluoromethane	50.000	39.323	21.4	115	0.00
3	P	Chloromethane	50.000	45.392	9.2	129	0.00
4	C	Vinyl Chloride	50.000	44.065	11.9#	122	0.00
5	T	Bromomethane	50.000	40.595	18.8	128	0.00
6	T	Chloroethane	50.000	46.644	6.7	130	0.00
7	T	Trichlorofluoromethane	50.000	46.595	6.8	135	0.00
8	T	Diethyl Ether	50.000	52.325	-4.7	137	0.00
9	T	1,1,2-Trichlorotrifluoroeth	50.000	48.621	2.8	137	0.00
10	T	Methyl Iodide	50.000	43.493	13.0	124	0.00
11	T	Tert butyl alcohol	250.000	209.193	16.3	121	0.00
12	CM	1,1-Dichloroethene	50.000	47.613	4.8#	133	0.00
13	T	Acrolein	250.000	236.013	5.6	133	0.00
14	T	Allyl chloride	50.000	49.432	1.1	132	0.00
15	T	Acrylonitrile	250.000	270.995	-8.4	144	0.00
16	T	Acetone	250.000	207.040	17.2	115	0.00
17	T	Carbon Disulfide	50.000	37.916	24.2	110	0.00
18	T	Methyl Acetate	50.000	54.670	-9.3	146	0.00
19	T	Methyl tert-butyl Ether	50.000	56.457	-12.9	150	0.00
20	T	Methylene Chloride	50.000	48.586	2.8	126	0.00
21	T	trans-1,2-Dichloroethene	50.000	47.236	5.5	134	0.00
22	T	Diisopropyl ether	50.000	56.920	-13.8	153	0.00
23	T	Vinyl Acetate	250.000	246.361	1.5	135	0.00
24	P	1,1-Dichloroethane	50.000	51.899	-3.8	142	0.00
25	T	2-Butanone	250.000	249.774	0.1	141	0.00
26	T	2,2-Dichloropropane	50.000	47.170	5.7	138	0.00
27	T	cis-1,2-Dichloroethene	50.000	52.256	-4.5	143	0.00
28	T	Bromochloromethane	50.000	59.312	-18.6	155	0.00
29	T	Tetrahydrofuran	250.000	294.971	-18.0	157	0.00
30	C	Chloroform	50.000	53.958	-7.9#	150	0.00
31	T	Cyclohexane	50.000	43.370	13.3	129	0.00
32	T	1,1,1-Trichloroethane	50.000	50.789	-1.6	143	0.00
33	S	1,2-Dichloroethane-d4	50.000	43.363	13.3	128	0.00
34	I	1,4-Difluorobenzene	50.000	50.000	0.0	136	0.00
35	S	Dibromofluoromethane	50.000	50.889	-1.8	145	0.00
36	T	1,1-Dichloropropene	50.000	49.291	1.4	138	0.00
37	T	Ethyl Acetate	50.000	57.840	-15.7	155	0.00
38	T	Carbon Tetrachloride	50.000	49.690	0.6	135	0.00
39	T	Methylcyclohexane	50.000	48.091	3.8	129	0.00
40	TM	Benzene	50.000	51.647	-3.3	138	0.00
41	T	Methacrylonitrile	50.000	59.002	-18.0	184	0.00
42	TM	1,2-Dichloroethane	50.000	53.110	-6.2	142	0.00
43	T	Isopropyl Acetate	50.000	59.949	-19.9	157	0.00
44	TM	Trichloroethene	50.000	52.681	-5.4	143	0.00
45	C	1,2-Dichloropropane	50.000	55.812	-11.6#	149	0.00
46	T	Dibromomethane	50.000	57.605	-15.2	152	0.00
47	T	Bromodichloromethane	50.000	58.277	-16.6	152	0.00
48	T	Methyl methacrylate	50.000	56.145	-12.3	151	0.00

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Quant Time: Oct 27 01:23:33 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	1351.854	-35.2#	163	0.00
50	S	Toluene-d8	50.000	42.084	15.8	115	0.00
51	T	4-Methyl-2-Pentanone	250.000	289.470	-15.8	148	0.00
52	CM	Toluene	50.000	49.938	0.1#	129	0.00
53	T	t-1,3-Dichloropropene	50.000	51.556	-3.1	134	0.00
54	T	cis-1,3-Dichloropropene	50.000	55.280	-10.6	146	0.00
55	T	1,1,2-Trichloroethane	50.000	54.643	-9.3	142	0.00
56	T	Ethyl methacrylate	50.000	56.245	-12.5	139	0.00
57	T	1,3-Dichloropropane	50.000	51.946	-3.9	135	0.00
58	T	2-Chloroethyl Vinyl ether	250.000	252.151	-0.9	164	0.00
59	T	2-Hexanone	250.000	276.754	-10.7	142	0.00
60	T	Dibromochloromethane	50.000	55.141	-10.3	140	0.00
61	T	1,2-Dibromoethane	50.000	54.515	-9.0	139	0.00
62	S	4-Bromofluorobenzene	50.000	48.726	2.5	144	0.00
63	I	Chlorobenzene-d5	50.000	50.000	0.0	125	0.00
64	T	Tetrachloroethene	50.000	49.405	1.2	129	0.00
65	PM	Chlorobenzene	50.000	52.741	-5.5	131	0.00
66	T	1,1,1,2-Tetrachloroethane	50.000	55.536	-11.1	137	0.00
67	C	Ethyl Benzene	50.000	52.764	-5.5#	133	0.00
68	T	m/p-Xylenes	100.000	106.000	-6.0	143	0.00
69	T	o-Xylene	50.000	54.461	-8.9	144	0.00
70	T	Styrene	50.000	56.660	-13.3	148	0.00
71	P	Bromoform	50.000	59.016	-18.0	159	0.00
72	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	142	0.00
73	T	Isopropylbenzene	50.000	51.264	-2.5	142	0.00
74	T	N-amyl acetate	50.000	57.003	-14.0	156	0.00
75	P	1,1,2,2-Tetrachloroethane	50.000	55.930	-11.9	157	0.00
76	T	1,2,3-Trichloropropane	50.000	47.587	4.8	120	0.00
77	T	Bromobenzene	50.000	53.670	-7.3	146	0.00
78	T	n-propylbenzene	50.000	51.302	-2.6	143	0.00
79	T	2-Chlorotoluene	50.000	51.293	-2.6	144	0.00
80	T	1,3,5-Trimethylbenzene	50.000	51.558	-3.1	146	0.00
81	T	trans-1,4-Dichloro-2-butene	50.000	49.185	1.6	146	0.00
82	T	4-Chlorotoluene	50.000	51.785	-3.6	147	0.00
83	T	tert-Butylbenzene	50.000	53.264	-6.5	150	0.00
84	T	1,2,4-Trimethylbenzene	50.000	52.132	-4.3	143	0.00
85	T	sec-Butylbenzene	50.000	50.821	-1.6	142	0.00
86	T	p-Isopropyltoluene	50.000	51.931	-3.9	144	0.00
87	T	1,3-Dichlorobenzene	50.000	52.075	-4.2	148	0.00
88	T	1,4-Dichlorobenzene	50.000	51.326	-2.7	147	0.00
89	T	n-Butylbenzene	50.000	51.585	-3.2	142	0.00
90	T	Hexachloroethane	50.000	51.391	-2.8	146	0.00
91	T	1,2-Dichlorobenzene	50.000	53.654	-7.3	151	0.00
92	T	1,2-Dibromo-3-Chloropropane	50.000	55.272	-10.5	155	0.00
93	T	1,2,4-Trichlorobenzene	50.000	52.832	-5.7	149	0.00
94	T	Hexachlorobutadiene	50.000	50.954	-1.9	143	0.00
95	T	Naphthalene	50.000	54.603	-9.2	152	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	54.630	-9.3	150	0.00

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